

TOWN OF VIENNA
TOWN COUNCIL WORKSESSION MEETING
Monday, June 13, 2011
8:00 P.M.

1. Water/Sewer System Valuation & CIP Work Session
2. Maple Avenue East and West Study

TOWN OF VIENNA
TOWN COUNCIL WORKSESSION ITEM
June 13, 2011
8:00 P.M.

ITEM NO. 1

**Water/Sewer System Valuation
and CIP Work Session**

BACKGROUND SUMMARY:

GHD and Wiley/Wilson will present a summary of their analysis of the existing Town Water and Sanitary Sewer Systems in the June 13, 2011 Work Session. Town Council commissioned these studies to evaluate the current condition and remaining useful life of the systems with calculation of the system value. Concurrently, a Capital Improvement Program assessment has been prepared through a pipe-by-pipe evaluation of the Town system. Ultimately, the Town must determine if it should sell the system or keep the system and commit to yearly upgrades. A major factor is cost to the system's users.

OVERVIEW:

- The water system includes 131 miles of pipe, 2,000 valves, 850 hydrants and 3 storage tanks with booster pumps.
- The sanitary sewer system includes 84 miles of pipes and 2,000 manholes.

- Most assets were installed between 1946 and 1973 with development.
- Town buildings, parks, and irrigation and other Town water uses are unmetered.
- The Town has an 11% water loss rate, which is well within the industry standard and includes unmetered/unbilled water use by Town operations.
- Since most of the system is the same pipe material, installed at the same time, it will reach the end of its life at the same time.
- Overall, the system is functioning adequately; however routine cleaning, lining and replacements have been under funded.
- A substantial long-term financial commitment is required to keep the system in good condition and level the annual maintenance funding required over time.
- The Town does not have a Water Purchase Agreement in place but one is currently being worked out with the City of Falls Church.

SUMMARY/STAFF IMPRESSIONS:

- The required CIP expenditures mean the water/sewer rates will go up for the system.
- If the system is sold, there are some scenarios in which rates would go up and other scenarios in which rates will remain constant.
- An expected minimum sale price of \$26M may be required to fund continuing Town expenses if the system is sold.

DOCUMENTS ATTACHED:

- 1. GHD Draft Report for Water and Sanitary Sewer Systems Valuation Study.**
- 2. Wiley/Wilson Water & Sanitary Inventory Final Report.**

RECOMMENDATION:

Staff would like to receive guidance from Town Council and plans to bring this topic back to another Work Session in the near future.

TOWN OF VIENNA
TOWN COUNCIL WORKSESSION ITEM
June 13, 2011
8:00 P.M.

ITEM NO. 2

Maple Avenue East and West
Study

BACKGROUND SUMMARY:

In October 2010, Wiley/Wilson undertook the Scope of Work for the Maple Avenue Photo Rendering Project. The project entails photo renderings at the three (3) specified study areas along Maple Avenue, East and West. The three (3) study areas are as follows:

- Maple Avenue Shopping Center located at 311-359 Maple Avenue, East 38-2((2))24.
- The block of 100-128 Maple Avenue, East 38-4 ((51)) and 38-4 ((2)) 126-128.
- Wolftrap Motel and Tequila Grande located at 430 and 444 Maple Avenue, West 38-3 ((2)) 139-141.

Per the Council's direction, photo renderings have been prepared illustrating building heights of 35', 50', and 54' at both 15' and 30' setbacks. Wiley/Wilson has prepared forty-two (42) photo renderings for the study areas. Elisabeth Lardner has prepared an Urban Design Commentary focusing on the pros and cons for the setbacks and building heights for

each study area. Ms. Lardner's commentary is located in the Appendix of the Narrative Report.

OVERVIEW:

- For each study location, a photograph was taken looking down the street in a cross-sectional view, and across the street in an elevation view.
- The first floor height for all rendered buildings is 15 feet. Each subsequent floor is 12 feet. The top floor is either reduced to 11 feet or increased to 20 feet as needed to obtain the total building height depicted.
- Per the Town Code, setbacks are measured from the right-of-way not from the curb line. In all instances, this creates a larger perceived setback and open-space area.
- The 15' setback is visually and functionally much wider than 15' due to the point from which it is measured - the VDOT right-of-way: the perceived setback between the façade and the face of the curb is approximately 27 feet - 28 feet.
- The rendered buildings are shown without curb cuts or service access.

SUMMARY/STAFF IMPRESSIONS:

- The photo renderings illustrate a sense of bulk that an increased building height will allow. The renderings are not intended to be used as an architectural guide for future development.

- The rendered buildings do not show site access, curb cuts, or parking areas. Therefore, it is unlikely that the large box type structures shown will be developed along Maple Avenue. More curb cuts, unassembled lots, and parking areas will likely reduce the area of buildable space along Maple Avenue, East and West. This will reduce the canyon-like effect that has caused concerns for some Council members.
- More landscaping and street furniture should be included in any future redevelopment activity.
- As noted by Ms. Lardner, the width of the street should be taken into consideration when evaluating the allowable building heights of structures along Maple Avenue, East and West.

DOCUMENTS ATTACHED:

None

RECOMMENDATION:

Staff recommends that the Council should update the Ordinance to reflect more than an increased building height. A complete Zoning Ordinance update for the Maple Avenue corridor should be undertaken to include consideration for additional parking, widening of Maple Avenue, and various landscaping options that strike a balance between the potential growth and small town feel that is part of the long standing character of Vienna. A Zoning Ordinance update will entail a visioning process, community outreach, architectural

renderings, mixed-use zoning, legal fees, and meeting with
Town staff and Council.

FairfaxTimes.com

Fairfax, Virginia

Published: Friday, May 20, 2011

Fairfax County approves increase in sewer connection fee by *KAli Schumitz*

Staff Writer

Brian Roberts was taken by surprise when he received a letter from Fairfax County regarding sewer connections in his neighborhood the cost is slated to go up by 2,442 percent next year.

"The county is slapping on a fee that is just absurd," said Roberts of Vienna.

As part of the fiscal 2012 budget process, the Fairfax County Board of Supervisors approved an increase in the sewer connection charge from \$6 per front-foot -- a maximum of \$600 -- to \$152.50 per front-foot, with a cap of \$15,250. This is the first time the connection charge has been increased since 1971.

"We've had money in the past so that we didn't have to increase it," said Shahram Mohsenin, director of the county's wastewater management division. "It's because of the recent economic downturn that we can no longer afford to do that."

Sewer service extension has been covered by the county's sewer fund, which mainly is supported by user fees.

The connection charge only applies to homeowners who have septic systems and decide to connect into the county wastewater system. The county is giving homeowners like Roberts a one-year grace period to connect to the system under the old rates.

"Nobody is mandated to connect by any means," Mohsenin said. "If their [septic] system is fine, then they don't have to connect."

The county sent notification letters to about 1,500 people who live in neighborhoods where the county has installed sewer lines but who have not yet connected to the system, or who live in communities where the county might extend sewer service in the near future.

Even with the fee increase, Mohsenin said, the county only expects to recoup about half of the actual costs to extend sewer service. The cost averages about \$46,000 per property, and has gone as high as \$100,000 per property in certain communities, he said.

Roberts said the pending price hike is enough incentive for him to connect within the next year.

"Obviously, at some time in the near future, I'm going to connect," he said.

kschumitz@fairfaxtimes.com

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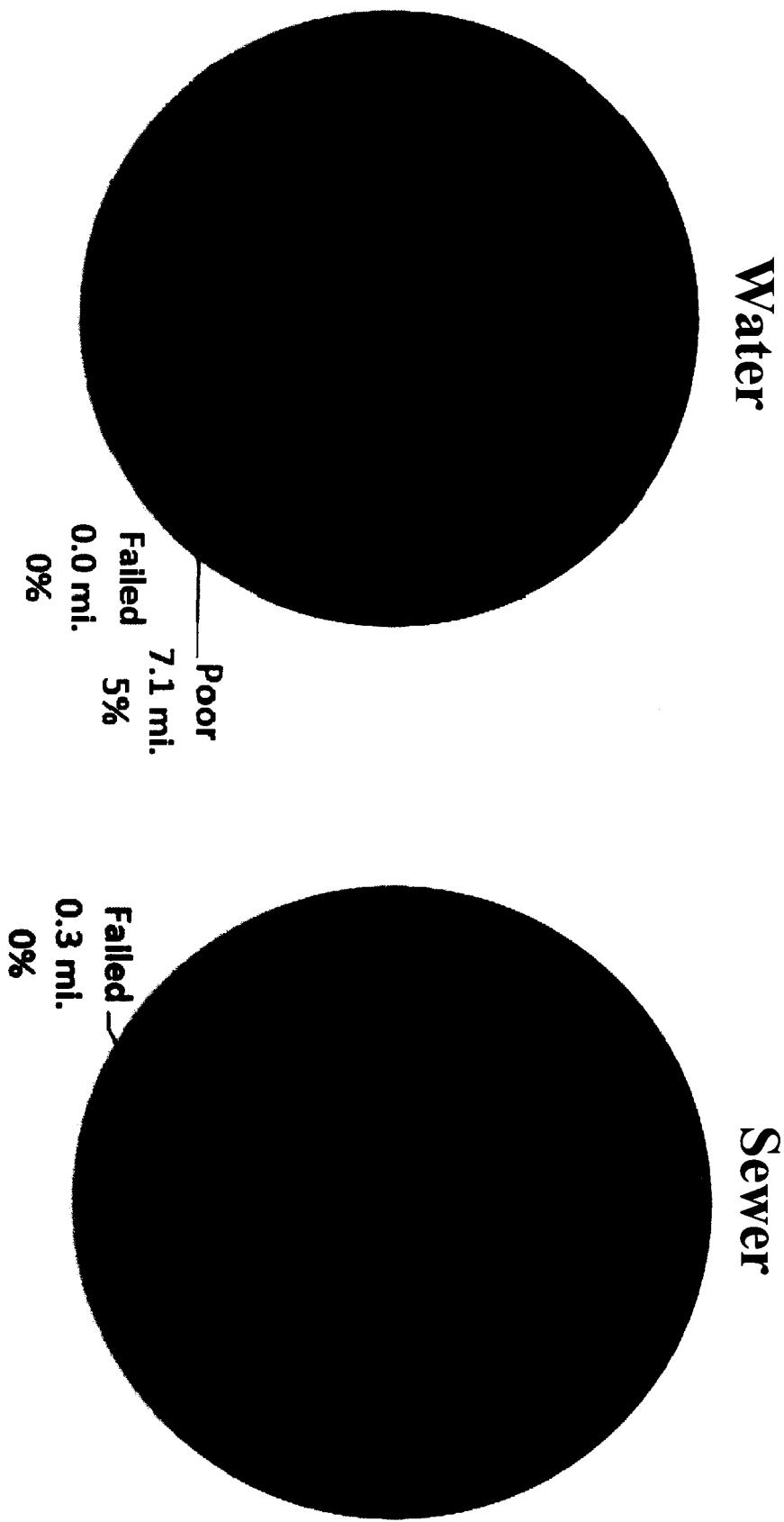
**Town of Vienna, VA
Water and Sewer CIP
&
Water and Sanitary Sewer
Systems Valuation**

**Town Council Meeting Presentation
June 13, 2011**

Presentation Objectives

- System overview, condition, and remaining life
- ClP recommendations
- System valuation
- Questions and discussion

Water and Sewer System Condition



Water & Sewer Capital Improvement Plan

- Inventory water & sewer assets
- Condition assessment
- Review complaint histories
- Spreadsheet asset management tool
- Benchmark the utility operation
- Identify and prioritize CIP projects
- Identify rehabilitation methods
- Develop a CIP (1-5 yr detail, 6-10 yr general)

Water & Sewer Capital Improvement Plan

Basis for short term pipe replacement and rehabilitation program:

- Replace water pipes with history of 2 or more breaks
- Reline water pipes with history of dirty water complaints
- Replace/Rehabilitate sewer pipes with known holes and cracks

Water & Sewer Capital Improvement Plan

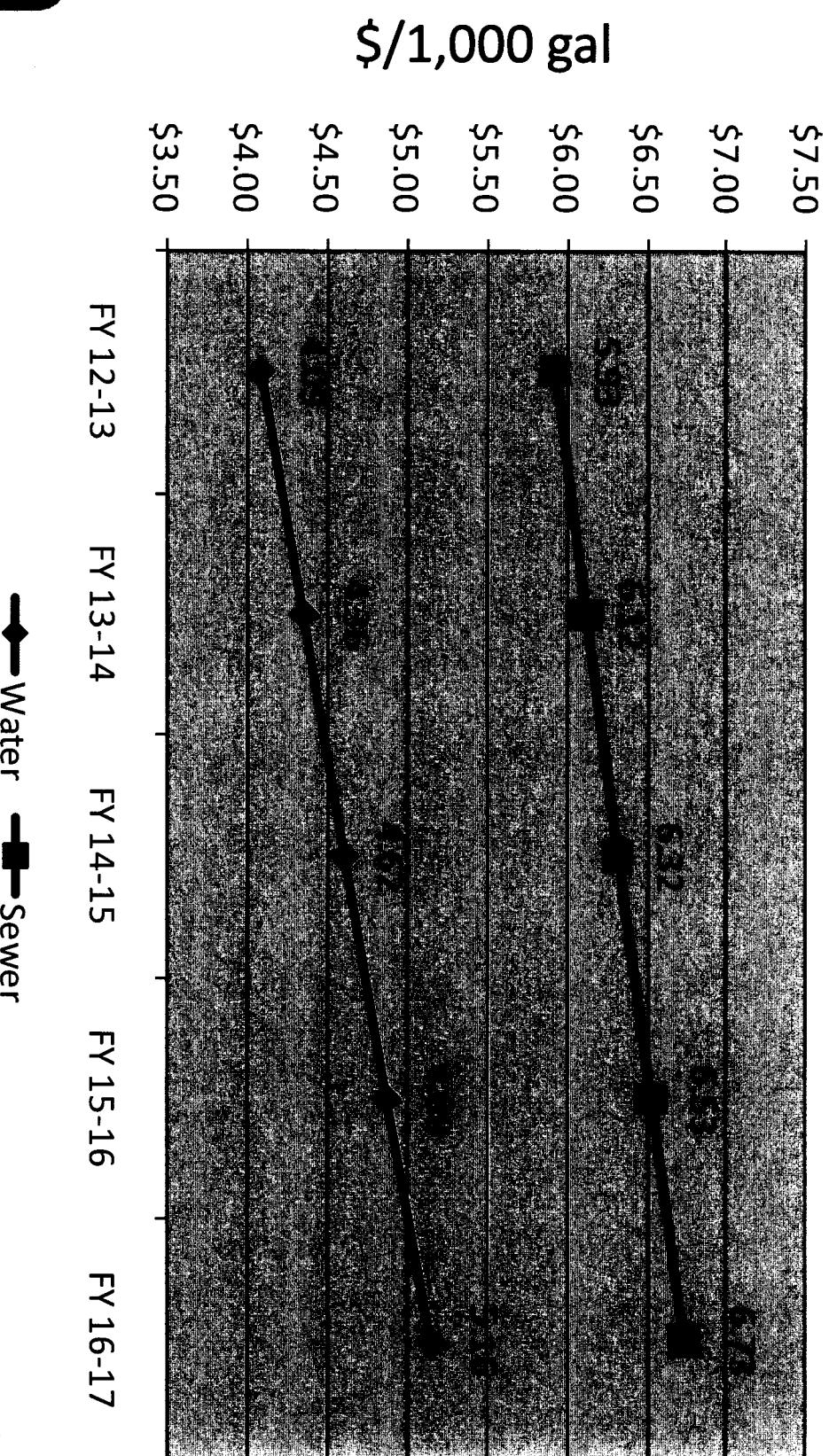
Capital Project	Capital Improvement Program (Proposed)					
	FY 2012*	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017-FY 2021
Water Main Replacement	385	1,000	1,000	1,000	1,000	5,000
Water Main Lining	0	75	75	75	75	375
Pipe Leak Detection & Condition Assessment Technology		25				100
Water Booster Pump Removal			10			
Water Storage Tank Maintenance			5	5	5	65
SCADA	75	75	75			
Security Upgrades			30	10	10	
Sanitary Sewer Replacement & Rehabilitation			100	100	100	500
Commercial Sewer FOG Study		30				
Total	460	1,310	1,295	1,190	1,190	6,940
Adjusted Total @ 3% Annual Inflation	460	1,350	1,375	1,300	1,340	8,535

*Represents projects funded through unspent funds from previous bond issues.

Valuation – Conclusions & Considerations

- The “price” for a sale is the amount that a seller and buyer can agree upon
- To be compensated for reduced base for indirect cost recovery, existing debt, and shared services, the Town needs to realize at least \$28 million
- Investor owned utility - Town could reasonably expect to negotiate about \$6.5 million
- Municipal utility would have to increase rates more than Vienna’s projected rate increases to pay for the system

FY 2013 – 2017 Projected Rates with CIP



Divesting - Advantages and Disadvantages

Advantages	Disadvantages
Won't have to deal with utility issues – rates, CIP, regulations, etc.	Rates are still likely to continue to increase under most circumstances
One time revenue boost	Loss of control of level and quality of service

Questions and Discussion



Town of Vienna, Virginia

**DRAFT Report for Water and
Sanitary Sewer Systems Valuation
Study**

June 2011



Table 2.1-1	Water distribution system appurtenances and quantities	2-6
Table 2.2-1	Sanitary sewer system material composition	2-8
Table 2.3-1	Water storage tanks and water booster pump station assets	2-12
Table 3.1-1	Water main break history	3-2
Table 3.1.2-1	Management strategy groups used for the water pipes	3-3
Table 3.1.3-1	Estimated replacement cost per linear foot of pipe (water)	3-6
Table 3.1.4-1	Distribution system rehabilitation and replacement requirements for the next 20 years	3-10
Table 3.2.2-1	Sanitary sewer system management strategy groups	3-13
Table 3.2.3-1	Estimated Replacement Cost Per Linear Foot	3-15
Table 3.2.4-1	Sanitary sewer system rehabilitation and replacement requirements for the next 20 years	3-16
Table 3.3.3-1	Storage systems rehabilitation summary	3-20
Table 3.3.4-1	Storage systems rehabilitation costs	3-21
Table 4-1	The 20-year renewal investment outlook for water and sewer systems	4-2
Table 5.4.1-1	Upper and lower value of shared or free services	5-3

Figure Index

Figure E-1	Water distribution system installation per year	iii
Figure E-2	Sanitary sewer pipe installation per year	iii
Figure E-3	Distribution of water mains condition	v
Figure E-4	Distribution of sanitary sewer pipe condition	v
Figure 2.1-1	Water distribution system pipe installation per year	2-1
Figure 2.1-2	Map of water main distribution by materials	2-3
Figure 2.1-3	Water distribution system by diameter	2-4
Figure 2.1-4	Map of water main distribution by diameter	2-5
Figure 2.2-1	Sanitary sewer pipe installation per year	2-7
Figure 2.2-2	Sanitary sewer manholes installation per year	2-7
Figure 2.2-3	Map of sanitary sewer pipe by materials	2-9
Figure 2.2-4	Sanitary sewer pipe by diameter	2-10
Figure 2.2-5	Map of sanitary sewer pipe by diameter	2-11



Executive Summary

Background

The Town of Vienna has requested that the following be performed for the Town's water and sanitary sewer system's facilities and infrastructure:

- An assessment of the current condition and remaining useful life of the Town's water and sanitary sewer system's facilities and infrastructure (the System)
- Identification of pertinent valuation methodologies
- Calculation of valuations utilizing pertinent valuation methodologies, such as Depreciated Original Costs, Stream of Earnings, Replacement Value
- Determine option feasibility and comparative recommendations

Methodology

The methodologies employed focused on the two major tasks requested – 1) an asset condition and remaining useful life (Condition) study and 2) a valuation (Valuation) study. The approach taken for each is identified below:

Condition Methodology

The methodology for determining asset condition and remaining useful life consisted of the following steps:

- Utilizing GIS maps and asset tables we identified all of the assets in the system
- Break histories and repairs were analyzed to determine asset condition using a 1 to 5 scale for each pipe segment and for each major above ground asset
- Above ground assets were visually inspected
- Utilizing information regarding materials of construction, asset condition scores and our knowledge of similar assets in the immediate area we developed life and capital cost estimates for a 20 year period

Valuation Methodology

The methodology for the Valuation study consisted of identifying the pertinent valuation methodologies and applying them to the Town's system. These included original cost less depreciation (OCLD) referred to in the RFP as "book value", in place replacement cost (RC) as an initial step to arrive at the next valuation – replacement cost less depreciation (RCLD). Because the valuation is being performed in contemplation of a potential sale, we also performed steam of cash flow calculations (income-based) for potential buyers and, to arrive at a "hurdle value" (i.e., the minimum sale amount required by the Town to break even), did a form of Net income calculation for the Town. Because there is an investor owned utility (IOU) in the area, we also added a Rate Base calculation.

- We identified OCLD by starting with balance sheet net asset value (NAV) for 2010 and adjusting forward to 2011. We also inquired as to how much of the NAV consisted of donated assets.



- 84 miles of sewer system piping
- About 2,000 manholes
- 3 water storage tanks and associated water booster stations
- Vehicles and office supplies

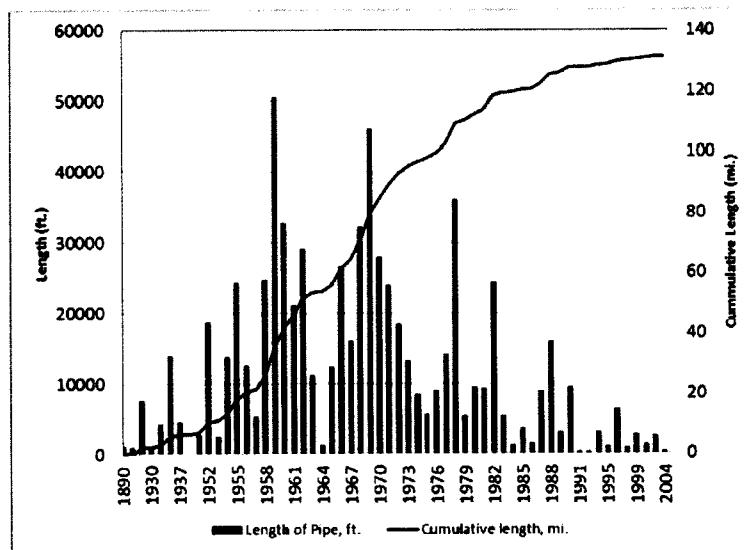


Figure E-1: Water distribution system installation per year for Town of Vienna, VA

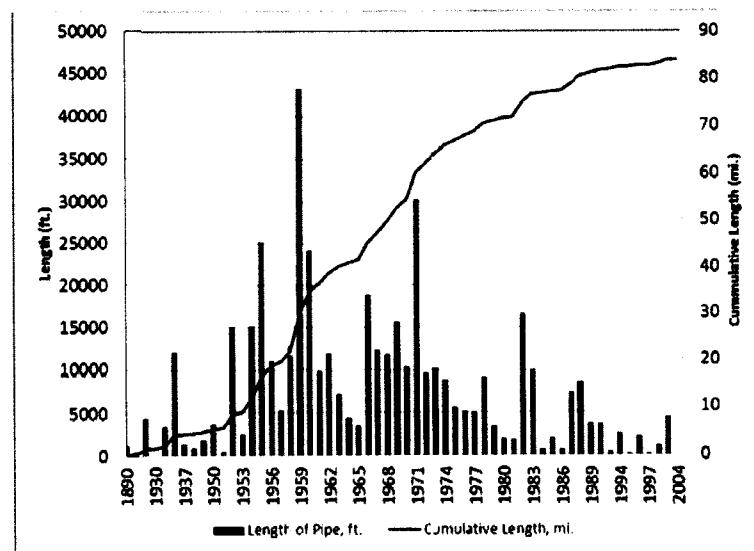


Figure E-2: Sanitary sewer pipe installation per year for Town of Vienna, VA

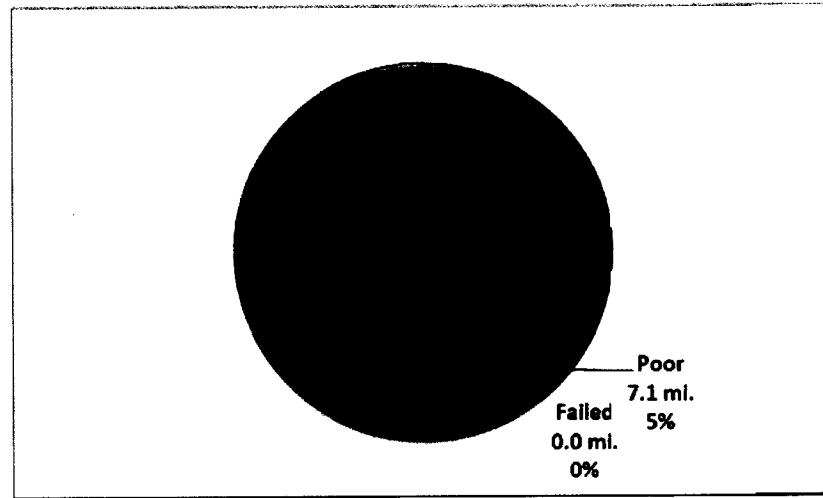


Figure E-3: Distribution of Town of Vienna's water mains per lengths in miles by condition

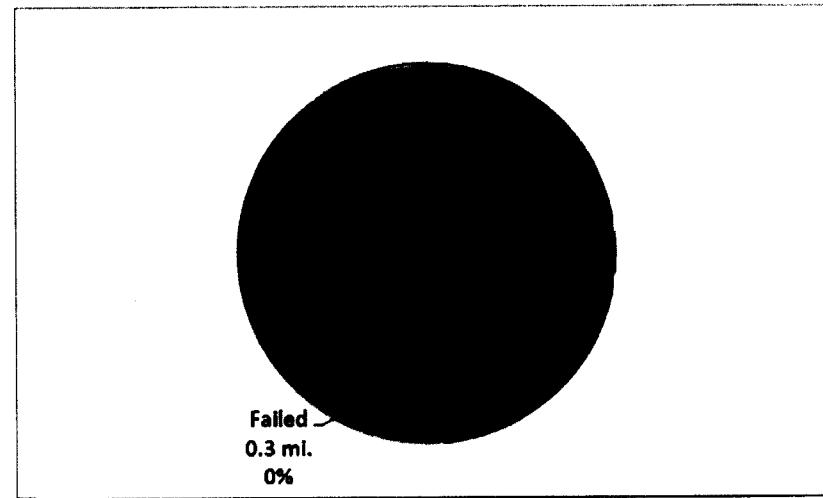


Figure E-4: Distribution of Town of Vienna's Sanitary Sewer Pipe per lengths in miles by condition

Based on the condition and age of the assets the Capital Improvement costs for the next 20 years are presented in the following table.



Findings – Valuation

- The indirect cost payment transferred from the System to the Town's General Fund was determined to range from \$800,000 to \$1,000,000.
- For the last six months of 2010, the System donated 250 – 500 man hours to various Town departments. Extrapolated to a full year, the System provided approximately $\frac{1}{4}$ of a full time employee (FTE) to other Departments.
- Based on experiences in other municipalities we estimate that the Town accounts for 1-3% of the System demand.
- Utilizing a conservative approach to fire related water costs we established a range of \$120,000 to \$240,000.
- Approximately 24.1% of the System's assets have been donated or contributed to the Town.
- Outside of contributions the Town has no assets that were acquired through grants or other forms of contribution.
- The Town can earn up to 3.13% on long term investments.
- The average cost of debt for the Town is approximately 4.75%
- The Town has unused wastewater treatment capacity at Blue Plains and has received inquiries in the past regarding a possible purchase by other entities. The old intermunicipal agreement (IMA) has a costing methodology that would determine the price in such a sale. The IMA is being update and, currently, there is a wide range of values – between \$1 and \$20 per gallon per day of capacity.

Conclusions - Condition

Overall, the System assets are in good condition, especially considering the overall asset age and investment. Other conclusions:

- The System should invest approximately \$2M per year for the near term (6 years).

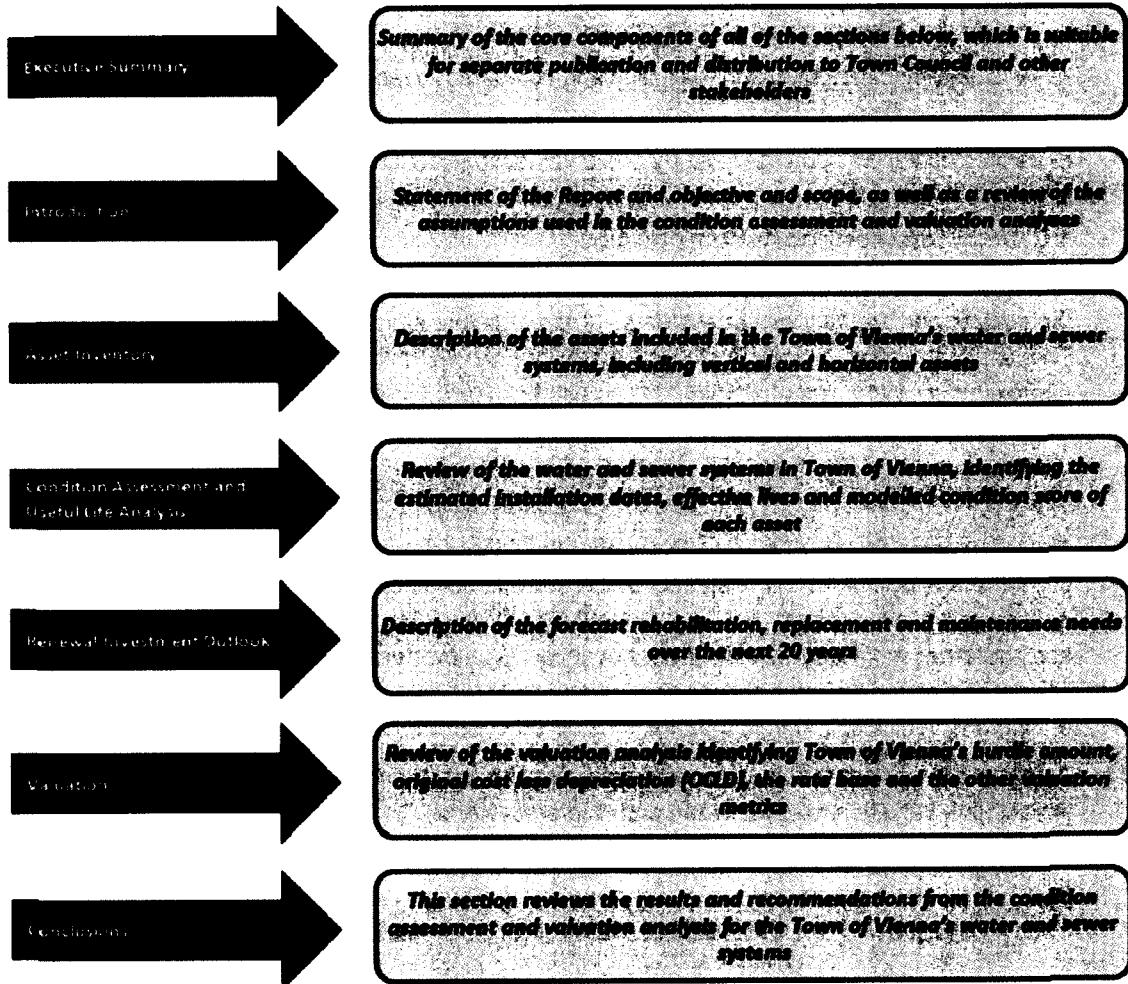
Condition – Valuation

- In order to break even, the Town would need to receive at least \$27.9 million for the System in a sale to make up for the loss of indirect cost payments, services and free water provided by the System. The Town might be able to negotiate a sale with the condition that it would continue to receive free water, but that would be expected to lower the price.
- A sale to an IOU would likely result in an immediate rate increase for Town residents of 10.7%. In order to keep rates at their current level, the IOU would need to obtain treated water at a 38.3% reduction from the price the Town is currently paying.
- On a net income basis, potential buyers either would have to increase rates or could not meet the Town's hurdle amount in a sale. In order to keep rates the same, a buyer would need to purchase treated water at 38.3% less than the Town is currently paying.
- The Town has value in unneeded capacity at Blue Plains. Until the new IMA being negotiated is complete, that value cannot be determined. Also, with the current depressed levels of usage it is not



1. Introduction

1.1 Scope of Report



1.2 Objective

The purpose of this project is to provide a condition assessment, develop expected remaining useful life, and establish valuations of the Town's water and sewer systems in order to provide the Town with independent findings to aid in the possible sale of these systems. The valuations will include the existing water and sanitary sewer systems facilities and infrastructure, and all applicable vehicles, equipment, buildings, personnel training, and certifications values.

The Town of Vienna requested the following be performed for the Town's water and sanitary sewer system's facilities and infrastructure:

2. Asset Inventory

2.1 Water buried assets

Town of Vienna water distribution system (WDS) encompasses approximately 4.4 square miles through a network of 131 miles of cast and ductile iron piping and associated appurtenances and service connections. The WDS pipe sizes range from 1 to 16 inches in diameter. The Town serves a total of 9,358 customers (8,702 residential and 656 commercial).

To generate the water buried assets inventory, Town of Vienna, VA Geographical Information System (GIS) database files were utilized. These files do not include a pipe installation date. Instead, the Town has generated a list of in town and out of town street list along with the estimated development year of the neighborhoods around these streets. These dates have been associated with the water pipes through a spatial GIS database join and used to assign estimated installation dates to the water pipes.

Most of the WDS have been installed between 1946 and 1973, which corresponds with the growth spur experienced by other municipalities in the District of Columbia (DC) Metropolitan area. Figure 2.1-1 shows the annual installation and cumulative length of WDS pipe.

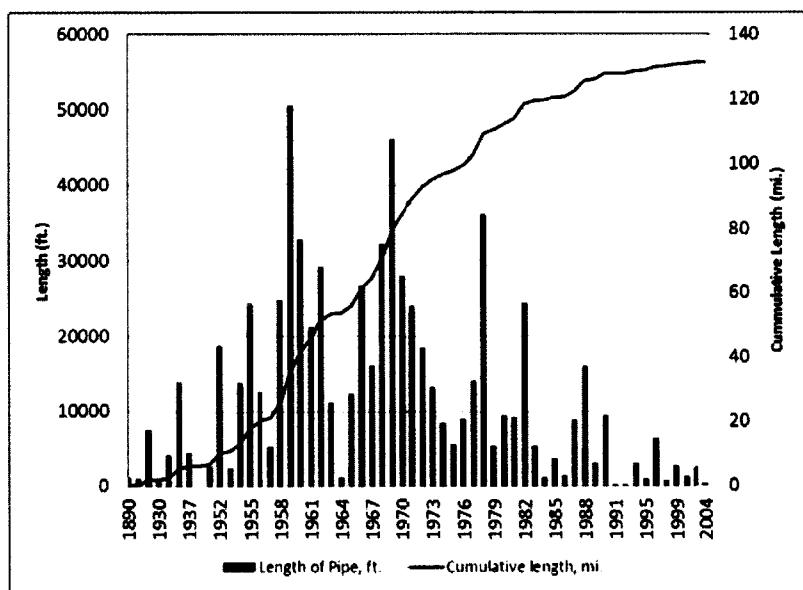
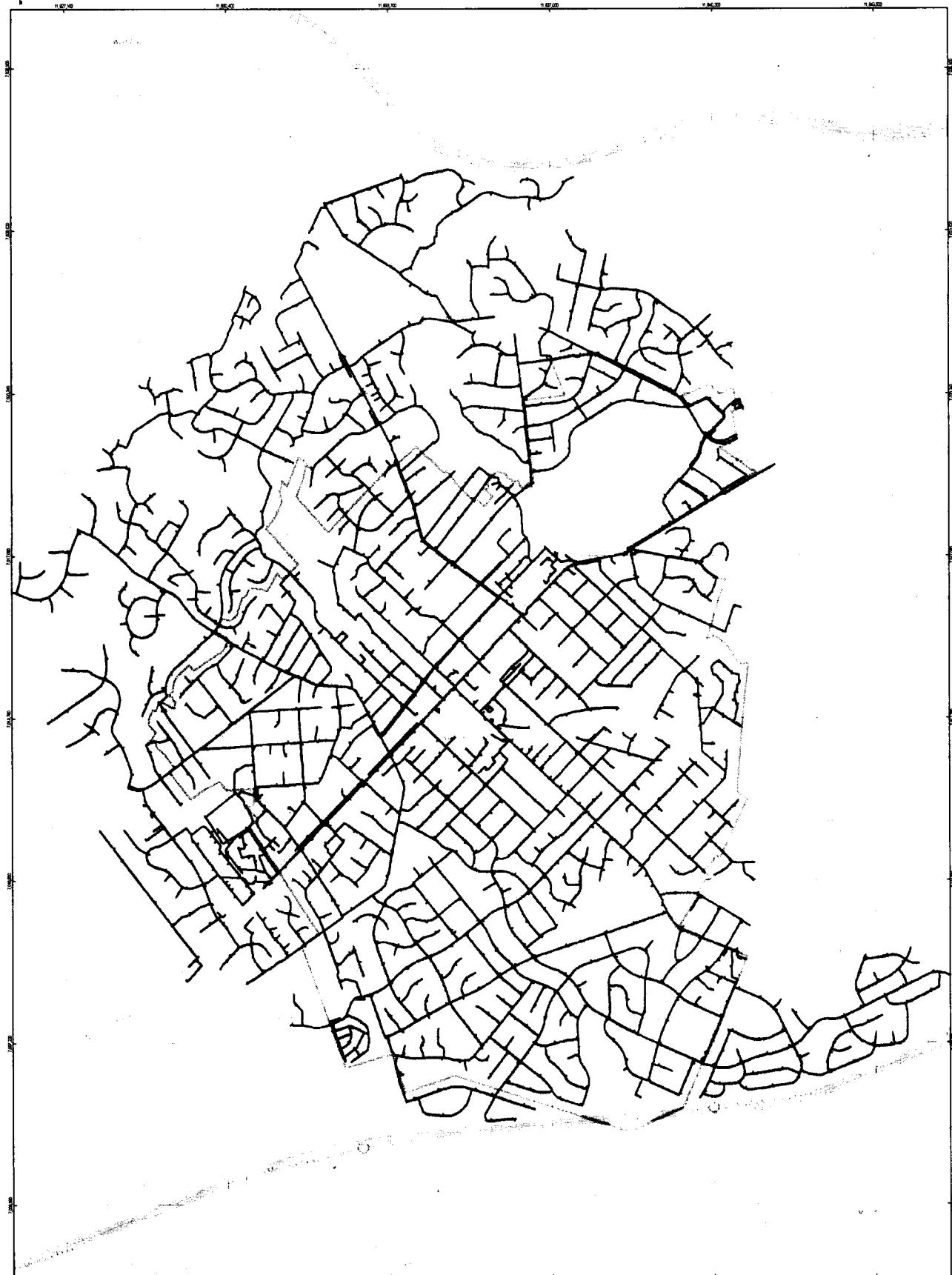


Figure 2.1-1: Water distribution system pipe installation per year

As will be discussed further in the condition assessment section, this growth increased demand on raw materials, forcing iron pipe manufacturers to invent more novel manufacturing techniques that enabled them to manufacture pipes with specified tensile strength by using less metal, resulting in lower pipe wall thickness than the pit cast iron pipes that were manufactured according to the Handbook of Cast Iron Pipe for Water, Gas, Steam, Air, Chemicals and Abrasives (1927) by Cast Iron Pipe Research Association. Especially when not internally lined either during manufacturing or after installation, the life expectancy of the cast iron pipes manufactured by using less metal has declined significantly.



LEGEND

- Town of Vienna Boundary
- Pipe Material
 - Cast Iron
 - Ductile Iron

Paper Size ARCH D
0.05 0.1 0.2 0.3 0.4 0.5 Miles

Map Projection: Lambert Conformal Conic
Horizontal Datum: North American 1983
Grid: NAD 1983 StatePlane Virginia North FIPS 4001 Feet



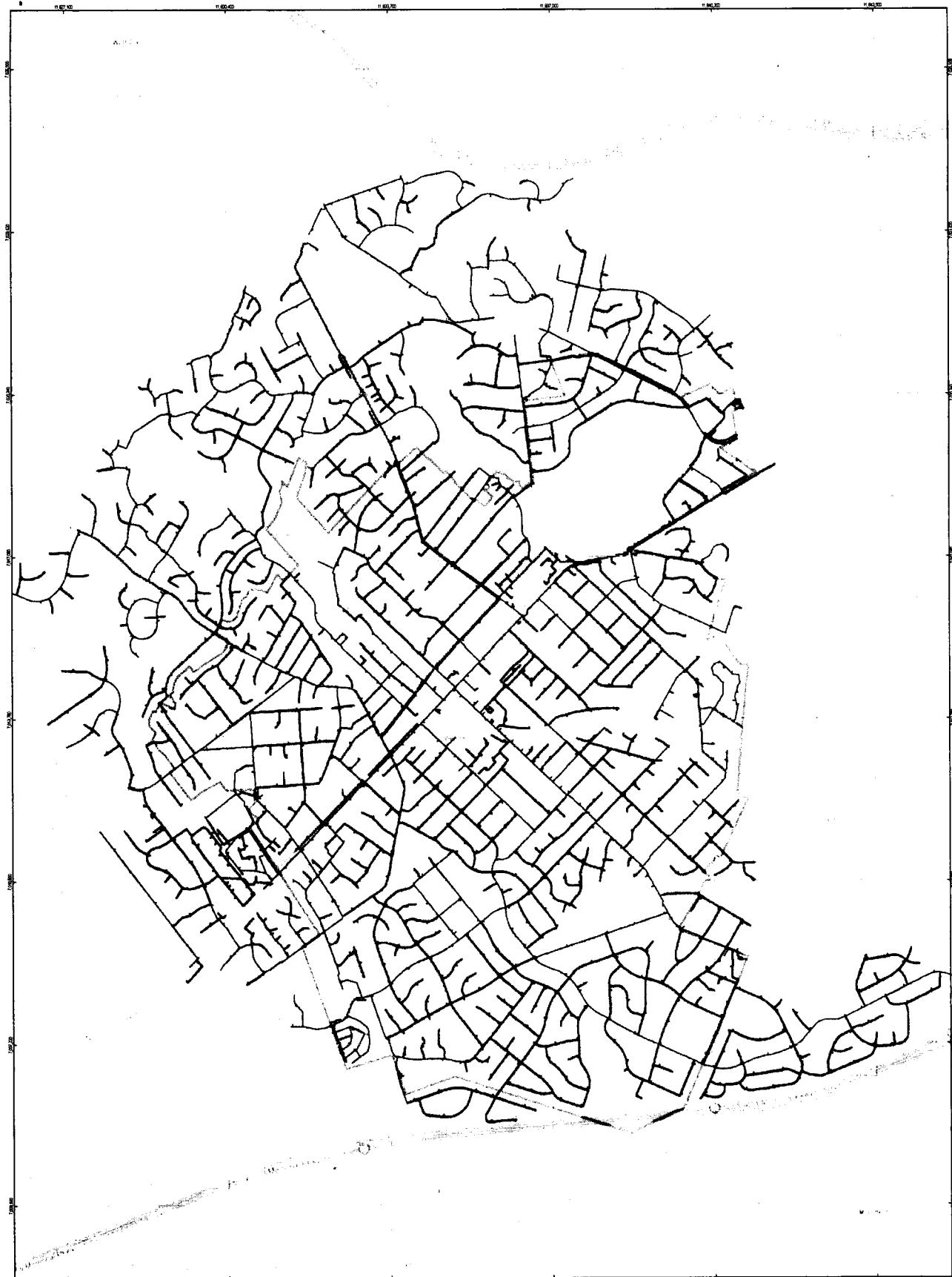
Town of Vienna
Vienna Water and Sewer Systems Valuations
Water System Pipe Material

Job Number 86-14546
Revision A
Date 28 Apr 2011

Figure 2.1-2

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Miles

Map Projection: Lambert Conformal Conic
Horizontal Datum: North American 1983
Grid: NAD 1983 StatePlane Virginia North FIPS 4501 Feet



CLIENTS PEOPLE PERFORMANCE

Town of Vienna
Vienna Water and Sewer Systems Valuations
Water System Pipe Size

Job Number 86-14546
Revision A
Date 28 Apr 2011

Figure 2.1-4

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encompassing neighborhoods. These dates have been associated with the sanitary sewer pipes through a spatial GIS database join and used to assign estimated installation dates to the sanitary sewer pipes.

Most of the sanitary sewer pipes were installed between 1960 and 1975, which corresponds with the growth spurs experienced by other municipalities in the Metropolitan Washington, DC area. Figure 2.2-1 shows the cumulative length in miles of sanitary sewer pipe installed annually.

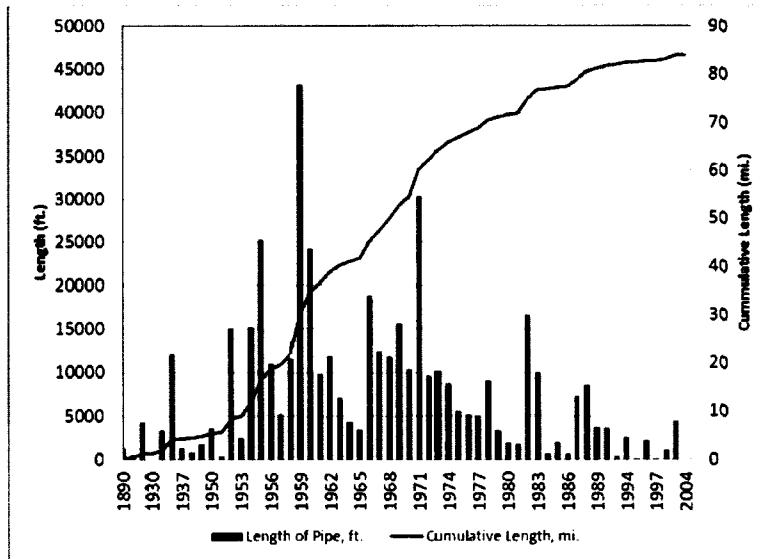


Figure 2.2-1: Sanitary sewer pipe installation per year

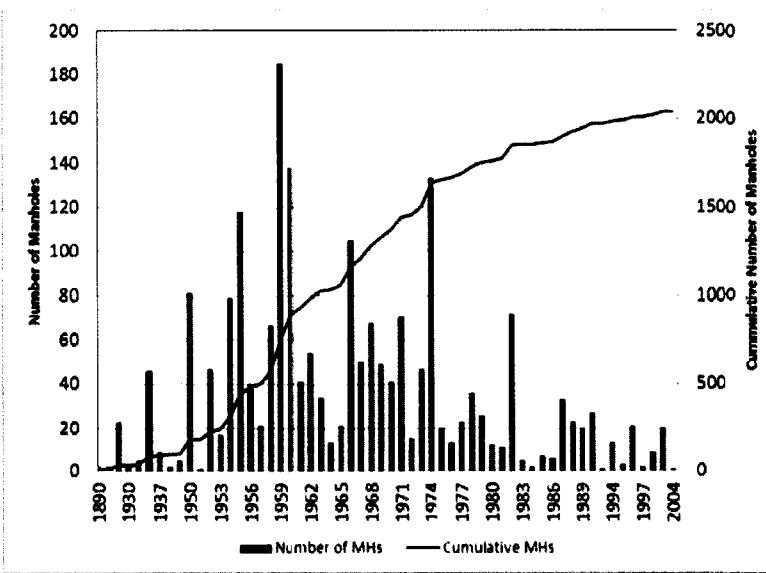
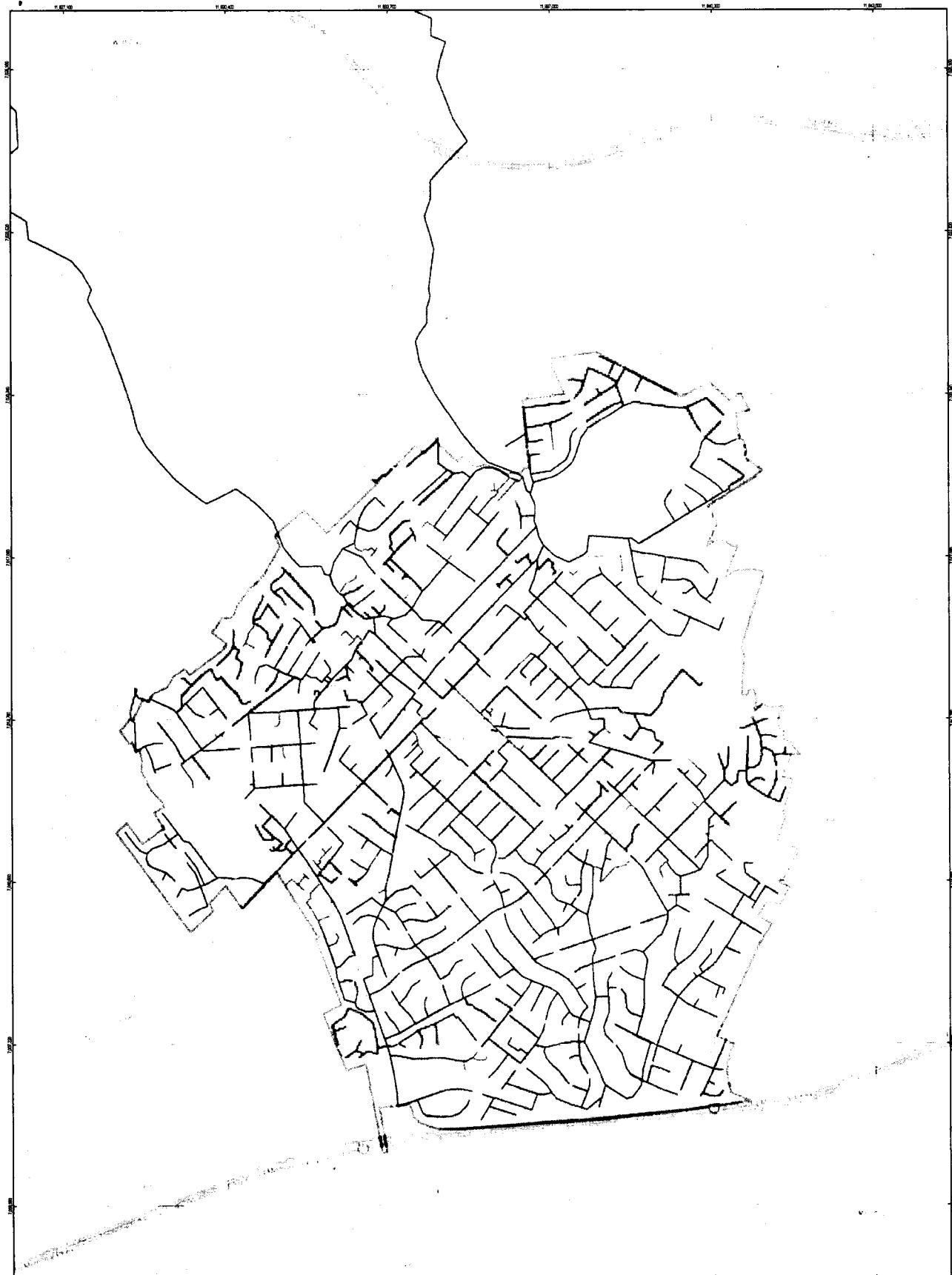


Figure 2.2-2: Sanitary sewer manholes installation per year


LEGEND

	Town of Vienna Sewer Boundary	Pipe Material	
	Unknown	Concrete Pipe	
	Asbestos Cement	Ductile Iron	
	Cast Iron	PVC	
		Vitrified Clay	

Paper Size ARCH D
0.05 0.1 0.2 0.3 0.4 0.5
Miles

Map Projection: Lambert Conformal Conic
Horizontal Datum: North American 1983
Grid: NAD 1983 StatePlane Virginia North FIPS 4001 Feet



Town of Vienna
Vienna Water and Sewer Systems Valuations
Sewer System Pipe Material

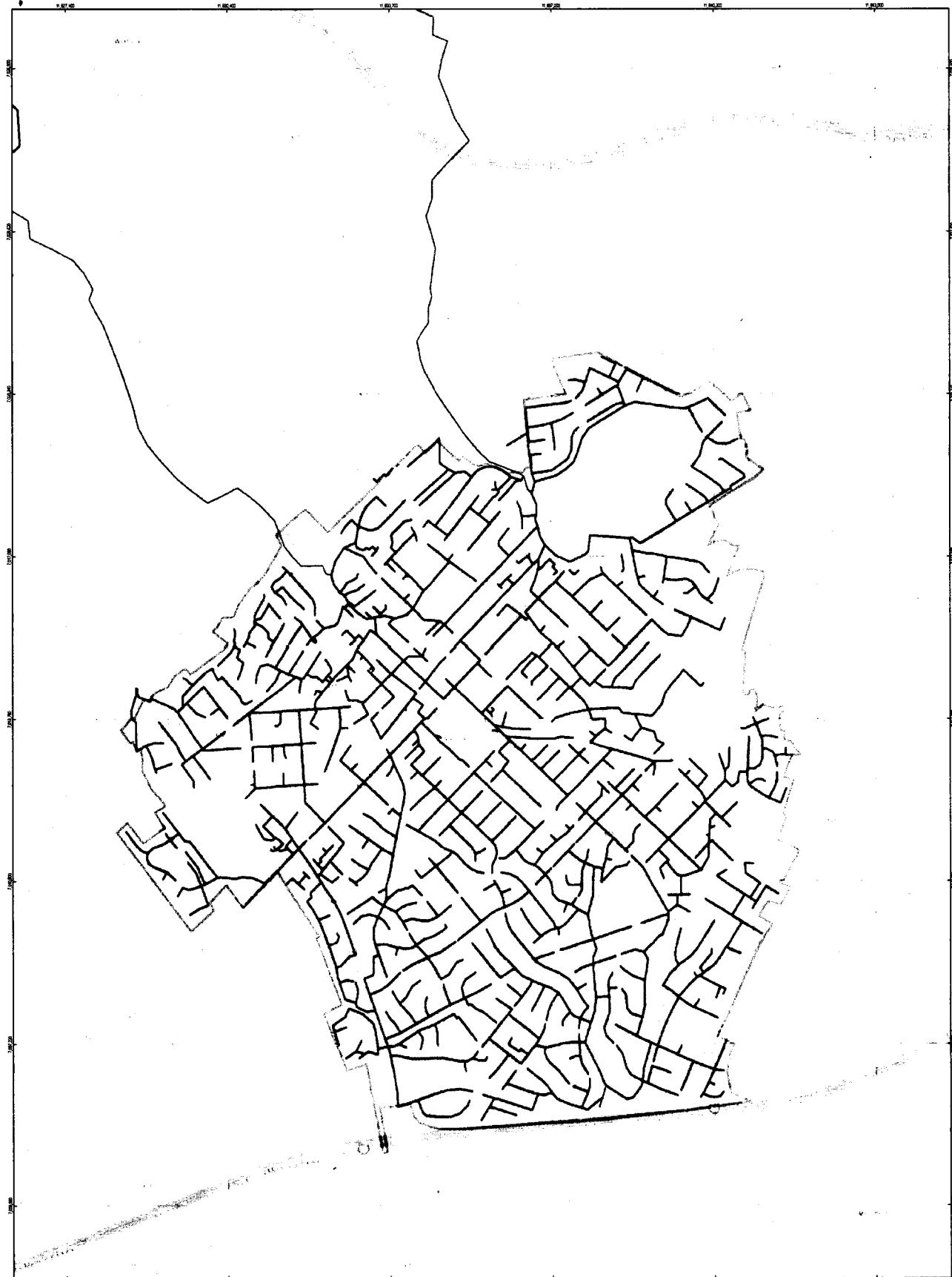
Job Number 86-14546
Revision A
Date 28 Apr 2011

Figure 2.2-3

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LEGEND
 Town of Vienna Sewer Boundary
 Pipe Size (inches)
 0 - 8"
 10 - 12"
 15 - 21"
 24 - 30"
 36 - 42"

Paper Size ARCH D
 0.00 0.1 0.2 0.3 0.4 0.5
 Miles



Town of Vienna
 Vienna Water and Sewer Systems Valuations
 Sewer System Pipe Size

Job Number | 86-14546
 Revision | A
 Date | 28 Apr 2011

Figure 2.2-5

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3. Condition Assessment and Useful Life

3.1 Water buried assets

3.1.1 Methodology

Condition assessment and determination of remaining useful life is important in valuation analyses because the system's condition would have an impact on how much investment may be required in the coming years, which will influence the price in the potential sale of the system.

Basing the future investment requirements on a condition assessment framework also helps reduce the uncertainty of the cost generated. This approach also provides the Town a means to further evaluate water pipe conditions over time due to time based deterioration and break history, should the Town chooses not to sell the system.

Asset condition is rated on a scale of one (1) to five (5). A score of one is assigned to an asset that has no defects, or only minor ones, and is considered to be at the beginning of its useful life. A score of five is assigned to assets that have severe defects and are considered to be on the verge of failing or having already failed. The condition ratings for water pipe are defined as follows:

Good *An asset with a condition score of 1.00 to 1.99 is considered to be in good condition. This corresponds to approximately 0 to 60% of the useful life consumed, depending on the asset's management strategy group. Assets in this category have little or no defects and require only preventive maintenance.*

Fair *An asset with a condition score of 2.00 to 2.99 is considered to be in fair condition. This corresponds to approximately 60 to 80% of the useful life consumed, depending on the asset's management strategy group. Assets in this category have minor defects requiring some corrective maintenance.*

Poor *An asset with a condition score of 3.00 to 3.99 is considered to be in poor condition. This corresponds to approximately 80 to 95% of the useful life consumed, depending on the asset's management strategy group. Assets in this condition range have moderate defects requiring corrective repair and should be considered for rehabilitation, if possible. All assets in this condition range have break history.*

Failed *An asset with a condition score of 4.00 to 5 is considered to be in good condition. This corresponds to approximately 90 to 100% of the useful life consumed. Assets in this category are nearing or have reached the end of their useful lives. Replacement is necessary. All assets in this condition range have break history.*

The condition assessment of water pipes is based on a two tiered approach. At first, an effective life is assigned to each pipe based on pipe attributes and location. Then, a condition score is assigned based on the time the pipe has spent underground based on the relationship shown in Figure 3.1.1-1 below. This is the time based condition score portion of the model. The time based portion is capped at a score of 3 over 5 in the absence of work order information such as leaks or breaks on the pipe segments. Second tier is the addition of 0.5 points to the time based condition score for each of the breaks the pipes experience. With



Table 3.1.2-1: Management strategy groups used for the water pipes

MSG	Material	Manufacture Date	Dia (in)	Lined	PEL ¹⁰	MPL ^{11,12}	Start Cond.	Treatment Option
1	CIP ¹³	<=1955	<=8	No	80	95	<=3	Line ¹⁴
2	CIP	<=1955	<=8	No	80	80	>3	Replace w/ DIP ¹⁵
3	CIP	<=1955	>8	No	130	145	<=3	Line
4	CIP	<=1955	>8	No	130	130	>3	Replace w/ DIP
5	CIP	1955<X<=1966	<=8	No	75	90	<=3	Line
6	CIP	1955<X<=1966	<=8	No	75	75	>3	Replace w/ DIP
7	CIP	1955<X<=1966	>8	No	90	105	<=3	Line
8	CIP	1955<X<=1966	>8	No	90	90	>3	Replace w/ DIP
9	CIP	>1966	<=8	Yes	70	85	<=3	Line
10	CIP	>1966	<=8	Yes	70	70	>3	Replace w/ DIP
11	CIP	>1966	>8	Yes	70	85	<=3	Line
12	CIP	>1966	>8	Yes	70	70	>3	Replace w/ DIP
13	DIP ¹⁶	>=1977	<=8	Yes	100	100		Replace w/ DIP
14	DIP	>=1977	>8	Yes	100	100		Replace w/ DIP

The condition assessment of water mains was further refined by accounting for the reduction of pipe effective lives due to external corrosion caused by soil. A high, medium or low corrosion rate was applied to each pipe based on the local soil conditions as identified by the United States Department of Agriculture (USDA). If the pipes are under moderate or high corrosion areas, the effective lives are reduced 10 and 20 percent, respectively. Low corrosion areas do not result in any reduction of effective lives. A map of soil corrosion potential from the USDA and external pipe corrosion for each pipe segment is shown in Figure 3.1.2-1.

¹⁰ Physical effective life: Pipe life without any rehabilitation action.

¹¹ Maximum potential life: Life extension if rehabilitation is applicable for the specific MSG.

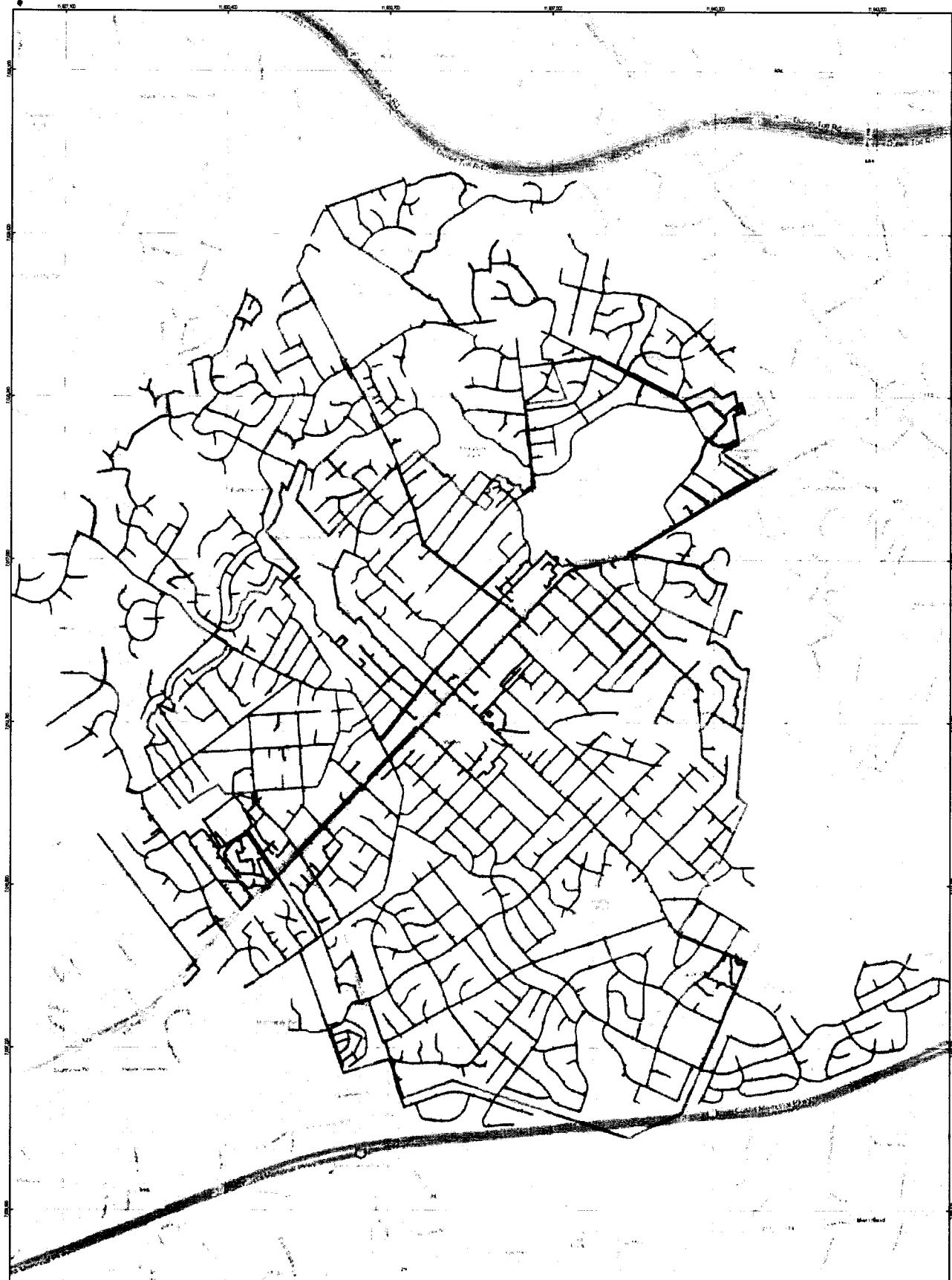
¹² Asset lives are further adjusted on a case by case basis as follows: if the pipes intersect a road, then the lives are reduced by 20 percent. If the pipes are under soils with low ferrous corrosion potential according to the USDA database (a Soil Survey Geographic (SSURGO) database for Fairfax County, provided by USDA's Natural Resources Conservation Service was used to complete this task), then the expected lives are not modified. However, if the pipes are under moderate or high corrosion areas, then the lives are reduced 10 and 20 percent, respectively. Each pipe segment was assigned the highest soil corrosivity value that it intersected. Thus, a length of pipe that was primarily located in a low-corrosivity soil but had an insignificant length passing through a high-corrosivity zone would be assigned a high corrosivity as a conservative scenario. A significant portion of downtown Vienna (a 500-ft buffer around Maple Street and the area between Mill St. and Centre St.) did not have soil corrosivity data. Zones with unknown soil types or corrosivity values were assigned the highest soil corrosivity value of their nearest neighbouring pipes.

¹³ Cast iron pipe: Pit cast prior to 1955 and spun cast with decreasing wall thickness post 1955.

¹⁴ Lining as a rehabilitation option is only recommended if the pipe start condition is 3 or less out of 5. This limitation helps prevent unnecessary lining expenditure on pipes that may have already lost wall thickness (or structural integrity) that might not justify further investment other than replacement.

¹⁵ Class 52 ductile iron pipe is selected as the replacement class. The Town indicated that they would not consider the installation of cathodic protection as a treatment option.

¹⁶ Ductile iron pipe. Based on recent replacement contracts of the Town, Class 51 is used for the existing pipe.



LEGEND

Town of Vienna Boundary	Soil Corrosivity	Soil Corrosivity of Pipe
■	Unknown/Urban	Low
■	Low	Moderate
■■	Moderate	High
■■■	High	

Paper Size ARCH D

0.05 0.1 0.2 0.3 0.4 0.5 Miles

Map Projection: Lambert Conformal Conic

Horizontal Datum: North American 1983

Orthometric Height Vertical Datum: RPD 4801 Feet



Town of Vienna
Vienna Water and Sewer Systems Valuations
Water System Pipe Soil Corrosivity

Job Number 86-14546
Revision A
Date 28 Apr 2011

Figure 3.1.2-1

GHD/Intermap/USGS 2010. Vienna by ghd, mapshaper.org, usgs.com
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Data source: 2010, Town of Vienna; 2011, GHD. Created by: GHD



For the purposes of this analysis, replacement costs are based on replacing pipe along with appurtenances since a review of past water main replacement contracts do not include the replacement of house connections and the Town indicated that the homeowners are responsible of the service connections. If the Town wishes to include the house connections in the replacement cost, the model can be readily updated to reflect expenditures associated with this added cost.

Based on the assumptions above, the total replacement cost of the water distribution system and the applicable appurtenances as noted in Section 1 of this report is estimated as approximately \$148M

3.1.4 Results

Based on the setup of the water main condition assessment model, most of the water mains are in good and fair conditions. The distribution of condition over length in miles is presented in Figure 3.1.4-1 below. The scoring is as follows:

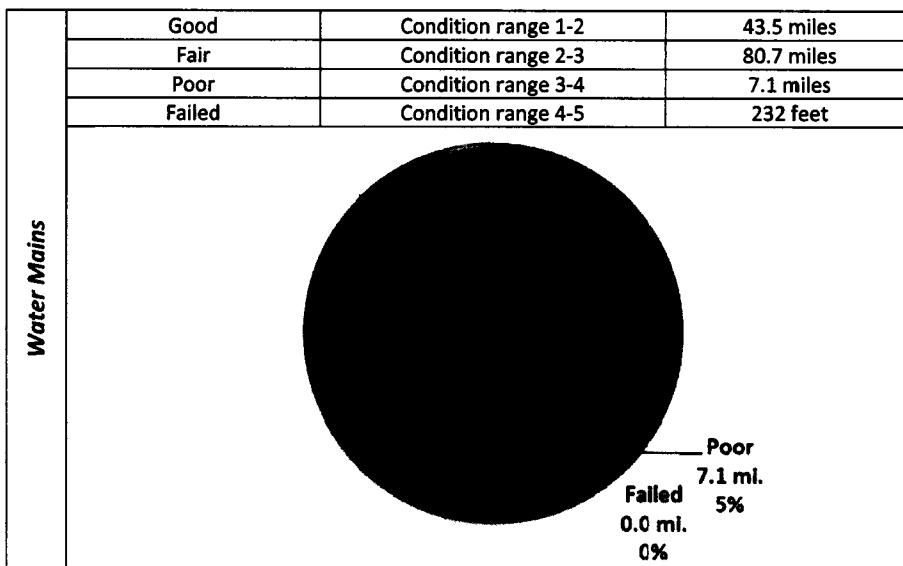


Figure 3.1.4-1: Distribution of water mains by condition

The pipes in the failed condition range have had more than two historical breaks whereas the pipes in the poor condition range have had only one break. In the near term, it is likely the pipes of poor condition will experience additional breaks and reach the end of their useful lives.

A map of the Town of Vienna showing the condition of each pipe segment as determined in the condition model is presented in Figure 3.1.4-1. The investment associated with maintaining an acceptable state of repair is summarized in Figure 3.1.4-2 below. The values that are noted in this figure are summarized in Table 3.1.4-1.

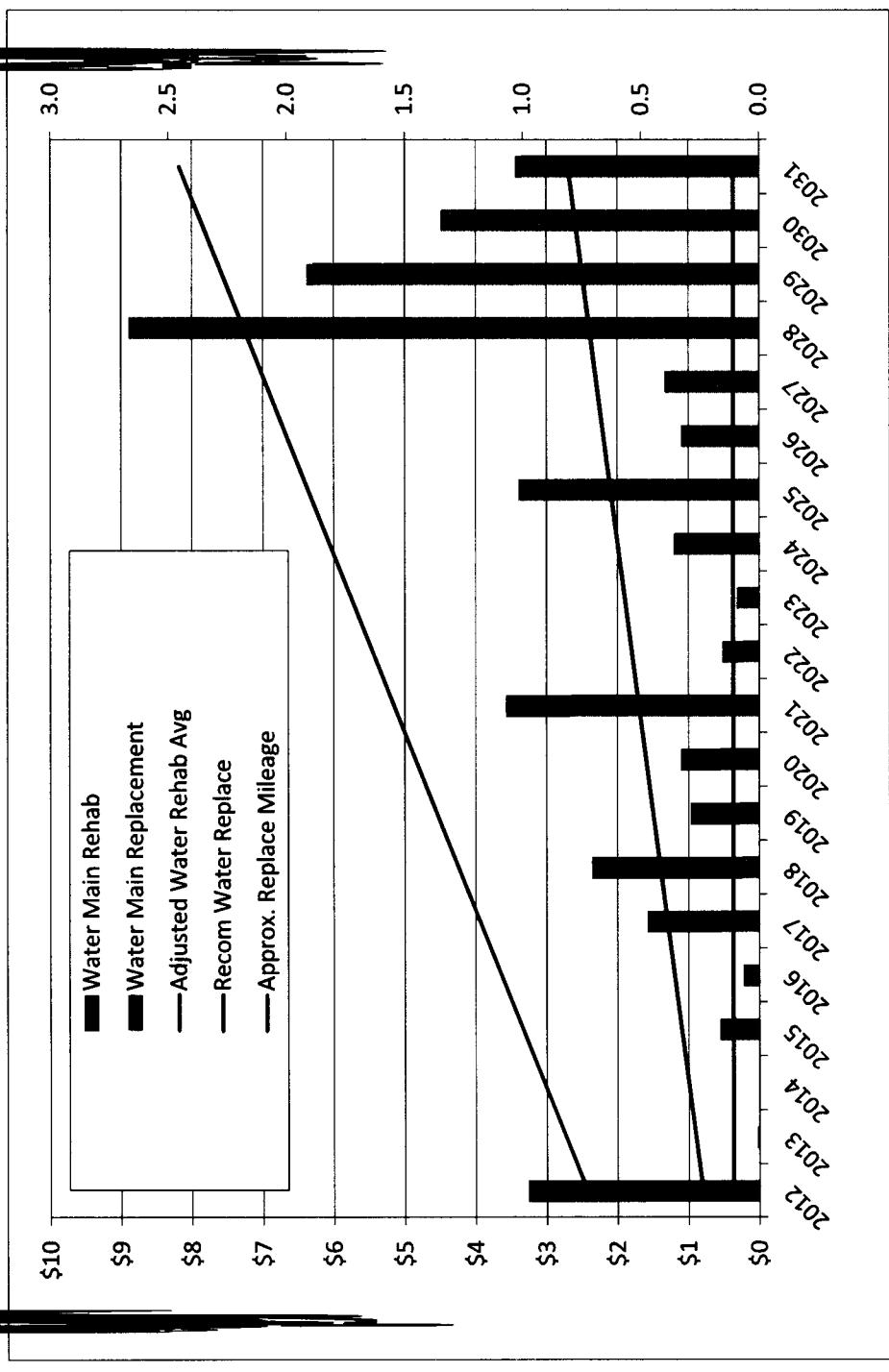


Figure 3.1.4-3: Water distribution system rehabilitation and replacement requirements for the next 20 years



3.1.5 Conclusions

According to the model output, approximately 31 miles of pipe is due for replacement (pending verification with a non-destructive leak detection and condition assessment technique) over the next 20 years. This corresponds roughly to 1.2 percent annual replacement rate of the overall system.

The pipes recommended for replacement are primarily cast iron pipes that were installed after 1955 as pipes from this era were spun cast that enabled the manufacturers to obtain similar to pit cast pipe tensile strengths by using less metal (thinner pipe). About two-thirds of the water mains of the Town of Vienna fall within this category (spun cast).

The ductile iron pipes installed in late 1970s overall still have remaining useful lives unless they experience breaks due to earth and traffic loads or aggressive soil environment.

With the investment noted in leak detection and condition monitoring, it is possible to reduce the 1.2 percent replacement rate. Typically, once the old pipe in the system is phased out a replacement rate of 0.75 percent per year is sufficient to sustain the system in the long term. For the current system size, this corresponds to about 1 mile replacement per year for the Town of Vienna, costing approximately \$1.1M annually.

3.2 Sanitary Sewer Assets

3.2.1 Methodology

Asset condition and remaining useful life is important in valuation analyses because condition impacts how much investment will be required in the coming years and influences the price in the potential sale of the system.

Basing the future investment requirements on a condition assessment framework also helps reduce the uncertainty of the cost generated. The approach also provides the Town a means to further evaluate sewer pipe and manhole conditions over time for inspected and uninspected assets alike, should the Town choose not to sell the system.

Asset condition is rated on a scale of one (1) to five (5). A score of one is assigned to an asset that has no defects, or only minor ones, and is considered to be at the beginning of its useful life. A score of five is assigned to assets that have severe defects and are considered to be on the verge of failing or having already failed. The condition ratings for sewer pipe are defined as follows:

Good *An asset with a condition score of 1.00 to 1.99 is considered to be in good condition. This corresponds to approximately 0 to 60% of the useful life consumed, depending on the asset's management strategy group. Assets in this condition range have little or no defects and require only preventive maintenance.*

Fair *An asset with a condition score of 2.00 to 2.99 is considered to be in fair condition. This corresponds to approximately 60 to 80% of the useful life consumed, depending on the asset's management strategy group. Assets in this condition range have minor defects requiring some corrective maintenance.*



inspection (using closed circuit television). Defects found during inspection are given a score on a zero to five scale, which is converted to the same scale that is used to rate the overall condition of a pipe. The Town provided the inspection data for 75 pipe segments in the sanitary sewer system. This information was used then in turn to assign these breaks to individual pipe segments.

3.2.2 Asset lives

The condition assessment model was applied to evaluate the state of the wastewater buried assets and was structured in two levels, as previously discussed. The Tier 1 assessment relies upon information available via the Town's geographic information system (GIS) database and other data sources, and is intended to be a desktop exercise. All assets are assigned a Tier 1 condition score. The Tier 2 condition assessment is based on actual inspection data provided by the Town data to GHD for purposes of this analysis.

A total of 75 pipe segments, or miles of pipe, within the Town has been inspected and has been assigned Tier 2 condition scores. The remaining miles of pipe that have not been inspected are assigned Tier 1 condition scores.

Percentage of life consumed has been determined for every asset within the Town. Project Teams utilized inspection data for sanitary sewer pipes across the Town's collection system to determine maximum potential lives for each pipe and manhole type. The lives utilized when determining percent lives consumed for sewer pipes are presented in Table 3.2.2-1.

Table 3.2.2-1: Sanitary Sewer System Management Strategy Groups

MSG	Materials	MPL	PEL	Maximum Rehabilitation Count
Brick Manhole	Brick	100 years	--	0
Clay Pipe	Clay	125 years	--	0
Concrete Manhole	Precast concrete	100 years	20 years	5
Concrete Pipe	Asbestos Cement, Reinforced Concrete, Unreinforced Concrete	75 years	15 years	4
Ferrous Pipe	Ductile Iron. Cast Iron	60 years	--	0
Lined Manhole	CIPP	50 years	--	0
Lined Pipe	CIPP	50 years	--	0
Plastic Pipe	Polyvinyl Chloride	100 years	25 years	4
Unknown Manhole	Unknown materials	100 years	25 years	4
Unknown Pipe	Unknown materials	75 years	15 years	4

3.2.3 Renewal costs

Due to variations in sewer pipe depths, the replacement cost estimates for sewer pipe segments were calculated individually for each pipe segment. Similarly, each manhole has a unique replacement cost based on

²⁵ Manhole Assessment and Certification Program



Table 3.2.3-1: Estimated Replacement Cost per Linear Foot of Pipe

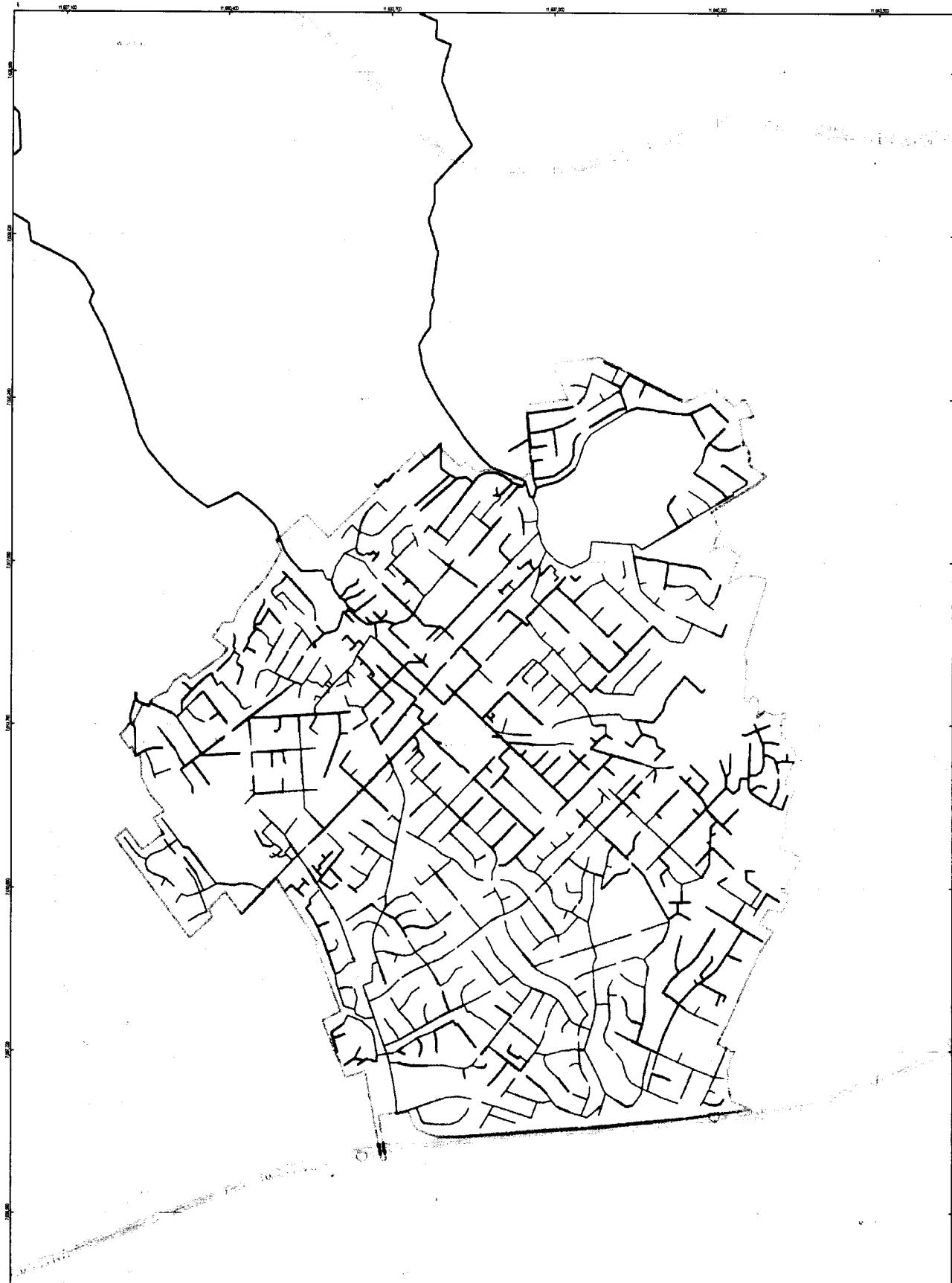
Estimated Replacement Cost per Linear Foot of Pipe				
Pipe Size, inches	Trench Width, feet	Excavation Cost per Linear Foot of Pipe ²⁶	Pipe Cost per Linear Foot of Pipe Installed ²⁷	Paving Cost per Linear Foot of Pipe Installed
4	4.0	\$67.00	\$13.25	\$25.73
6	4.0	\$67.00	\$18.47	\$25.73
8	4.0	\$67.00	\$26.31	\$25.73
10	4.0	\$67.00	\$37.74	\$25.73
12	4.0	\$67.00	\$46.83	\$25.73
15	4.0	\$67.00	\$46.50	\$25.73
18	5.0	\$67.00	\$67.69	\$32.17
21	5.0	\$84.00	\$85.70	\$32.17
24	5.0	\$84.00	\$94.26	\$32.17
27	6.0	\$101.00	\$122.00	\$38.61
30	6.0	\$101.00	\$149.17	\$38.61
36	7.0	\$118.00	\$199.82	\$45.04
42	7.0	\$118.00	\$260.77	\$45.04
48	8.0	\$135.00	\$318.35	\$51.48

3.2.4 Results

The results of the condition assessment model, the sanitary sewer pipes and manholes are in good and fair conditions. The distribution of condition over length in miles is presented in Figure 3.2.4-1 below. The scoring is as follows:

²⁶ The excavation unit costs shown assume a pipe depth of 10 feet. Actual excavation unit costs used varied by pipe depth and may be higher or lower than what is shown depending on the pipe depth.

²⁷ The pipe costs shown assume the pipe replacement material used is polyvinyl chloride.



Paper Size ARCH D
0.005 0.1 0.2 0.3 0.4 0.5
Miles

Map Projection: Lambert Conformal Conic

Horizontal Datum: North American 1983

Grid Datum: 1983 NAD83 Virginia North RPS 4501 Feet

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Data source: 2010. Town of Vienna, 2011. GHD. Created by: owner



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Town of Vienna
Vienna Water and Sewer Systems Valuations
Sewer System Condition Rating

Job Number 98-14548
Revision A
Date 28 Apr 2011

Figure 3.2.4-2



Year	Sewer Lining & Replacement	Sewer Rehabilitation	Recom. Sewer Lining & Replacement	Recom. Sewer Rehabilitation
9	\$0	\$270,726	\$425,000	\$135,000
10	\$50,094	\$0	\$425,000	\$135,000
11	\$1,180,225	\$140,903	\$425,000	\$135,000
12	\$19,225	\$120,238	\$425,000	\$135,000
13	\$337,689	\$0	\$425,000	\$135,000
14	\$18,952	\$0	\$425,000	\$135,000
15	\$49,353	\$53,328	\$425,000	\$135,000
16	\$2,487,664	\$0	\$425,000	\$135,000
17	\$330,779	\$7,037	\$425,000	\$135,000
18	\$1,204,926	\$89,356	\$425,000	\$135,000
19	\$2,589,084	\$181,782	\$425,000	\$135,000
20	\$185,847	\$264,282	\$425,000	\$135,000
Totals	\$8,497,800	\$2,709,121	\$8,500,000	\$2,700,000

3.3 Water storage and pumping assets

3.3.1 Methodology

The above ground condition assessment work for the Town of Vienna's water storage and pumping assets was performed by visually inspecting the major assets such as the booster pumps, pumping stations, elevated and ground water storage tanks. At the time of the inspections, there was about two to three feet of snow on the ground, which made the visual inspection of the area where tank bottom or supports (as applicable per tank type) meet with the foundation difficult. Only the outside perimeter of the storage tanks was visually inspected as part of this valuation project.

3.3.2 Asset lives

The booster pump stations have many components such as the mechanical (pumps, valves, HVAC), civil (foundation, building envelope), electrical (motor control centers), and instrumentation and controls. Each of these assets has varying service lives. Some of them can be rehabilitated and hence can take longer to be replaced with a new asset. The replacement schedule depends on pump run times, start / stop frequencies etc. An expected life of 30 years is recommended for the booster pump stations for planning purposes. This puts replacement investment outside the 20 year investment profile. Some minor rehabilitation work may be required towards the end of the next 20 years for these booster pump stations.

Once constructed and maintained at proper intervals, a water storage tank would function well beyond the 20 year focus of this report. However, periodic inspections, and coating and painting may be required. According to the communication between Virginia Department of Health Office of Drinking Water and the Town Vienna (in a letter dated October 14, 2004), the State is referring to recent inspection and painting



Table 3.3.4-1: Storage Systems Rehabilitation Costs

Year	Facility Rehab Cost	Remarks
2012	\$0	
2013	\$0	
2014	\$0	
2015	\$0	
2016	\$0	
2017	\$0	
2018	\$0	
2019	\$0	
2020	\$128,700	Rehabilitation of Wall Street Pumping Station Pumps
2021	\$500,000	Rehabilitation of Frederick and Nutley Street Tanks
2022	\$1,000,000	Rehabilitation of Wall Street Tank
2023	\$0	
2024	\$0	
2025	\$0	
2026	\$0	
2027	\$0	
2028	\$0	
2029	\$67,500	Rehabilitation of Frederick and Nutley Street Booster Stations
2030	\$0	
2031	\$0	
Total	\$1,696,200	



The investments identified in Figure 4-1 are detailed in Table 4-1 below.

Table 4-1: The 20-year Renewal Investment Outlook for Water and Sewer Systems (\$Thousands)

TOWN OF VIENNA, VA RENEWAL INVESTMENT OUTLOOK		Year											TOTAL									
		2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	
Recommended Water Replacement	\$800	\$900	\$1,000	\$1,100	\$1,200	\$1,300	\$1,400	\$1,500	\$1,600	\$1,700	\$1,800	\$1,900	\$2,000	\$2,100	\$2,200	\$2,300	\$2,400	\$2,500	\$2,600	\$2,700	\$35,000	
Averaged Sewer Replacement	\$425	\$425	\$425	\$425	\$425	\$425	\$425	\$425	\$425	\$425	\$425	\$425	\$425	\$425	\$425	\$425	\$425	\$425	\$425	\$425	\$425	\$8,500
Facilities Replacement	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
TOTAL REPLACEMENT	\$1,225	\$1,325	\$1,425	\$1,525	\$1,625	\$1,725	\$1,825	\$1,925	\$2,025	\$2,125	\$2,225	\$2,325	\$2,425	\$2,525	\$2,625	\$2,725	\$2,825	\$2,925	\$3,025	\$3,125	\$43,500	
Water Rehabilitation (Averaged)	\$370	\$370	\$370	\$370	\$370	\$370	\$370	\$370	\$370	\$370	\$370	\$370	\$370	\$370	\$370	\$370	\$370	\$370	\$370	\$370	\$370	\$7,400
Sewer Rehabilitation (Averaged)	\$135	\$135	\$135	\$135	\$135	\$135	\$135	\$135	\$135	\$135	\$135	\$135	\$135	\$135	\$135	\$135	\$135	\$135	\$135	\$135	\$135	\$2,700
Facility Rehabilitation	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,696
TOTAL REHABILITATION	\$505	\$505	\$505	\$505	\$505	\$505	\$505	\$505	\$505	\$505	\$505	\$505	\$505	\$505	\$505	\$505	\$505	\$505	\$505	\$505	\$505	\$11,796
NDT Leak Detection \$	\$5.76	\$6.48	\$7.20	\$7.92	\$8.64	\$9.36	\$10.08	\$10.80	\$11.52	\$12.24	\$12.96	\$13.68	\$14.40	\$15.12	\$15.84	\$16.56	\$17.28	\$18.00	\$18.72	\$19.44	\$232	
ANNUAL INVESTMENT	\$1,736	\$1,836	\$1,937	\$2,038	\$2,139	\$2,239	\$2,340	\$2,441	\$2,541	\$2,670	\$3,142	\$3,743	\$2,944	\$3,045	\$3,146	\$3,247	\$3,347	\$3,516	\$3,549	\$3,649	\$55,548	



customer advances etc. The working capital was based 45 days of estimated FY 2011 O&M expenditures. The rate base value is approximately \$7,201,385.

5.3 Replacement Cost less Depreciation

Reproduction costs less depreciation or RCLD (sometimes also referred to as reproduction cost net of accumulated depreciation or RCNAD) is an attempt to recognize that the value of a group of assets may be greater than the book value (OCLD). In this approach, the original cost is substituted with reproduction cost (usually calculated using a construction cost index or in this case, a cost model) and the accumulated depreciation calculated based on the estimated percent condition of the existing assets. RCLD typically produces a value that is higher than OCLD.

The study used the Town's geographical information system to create a database of assets for which cost models could be applied to arrive at a reproduction cost. The estimated reproduction cost of the systems is approximately \$317.65 million, if the system were to be built new. It is important to note that reproduction in place, without taking inflation into account, is inherently more costly than the original construction. To arrive at reproduction cost less depreciation (also referred to as reproduction cost net of accumulated depreciation or RCNAD), the proportional amount of accumulated depreciation on the original asset is inflated to the magnitude of the reproduction cost and the difference is reproduction cost less depreciation (RCLD). Like OCLD, RCLD is reduced for contributed capital. The RCLD of the system is approximately \$109.7 million.

5.4 Income-Based Valuation

Another approach used in valuations is to estimate the net income it can generate and then converting that income stream (using the value of money) into a stream of cash flows and a purchase price. To a buyer, a system's worth is based on being able to provide enough net income to, at least, recover the purchase price. The income-based valuation involves a projection of the financial statement of a utility for a period of time, in this case, 20 years, and discounting the cash flows back to the current period based on a discount or hurdle rate to arrive at a value.

5.4.1 From the Town's Perspective

Municipalities traditionally have lower capital costs than IOUs because they can issue tax-exempt debt because their debt is backed by the full faith and credit of the owning municipality or their revenues are pledged to pay the debt. The typical cost of the debt associated with the water and sewer systems is approximately 4.75% for the Town. The cost of equity allowed by the Virginia State Corporation Commission is typically 9.8%, but municipalities really earn returns on investments closer to that achieved by the Virginia's local government investment pool, which is running a five-year average yield of 3.13%. The weighted average cost of capital ($rWACC$) is equal to the after-tax cost of debt ($rD \cdot [1-t]$) times its proportion of the firm's assets or value (D/V), plus the cost of equity (rE) times the proportion of the firm's total assets (E/V). Municipal governments don't pay income taxes (t), so the $rD \cdot [1-t]$ term reduces to rD , which reduces the formula to $rWACC = rD \cdot (D/V) + rE \cdot (E/V)$. When applying the formula to the Town's system, based on its capital structure, as of June 30, 2010, the weighted average cost of capital equals $0.0475 \cdot (0.086) + 0.0313 \cdot (0.914) = 3.269\%$. For a potential sale to work for the Town, it has to recover



- Debt is financed at a rate of 4.75%

Currently, the Town's system does not consistently have positive net assets or income and the forecast model projects the same result. However, the forecast was optimized to determine what average annual rate increases would be necessary for an IOU to breakeven (in net present value) if it acquired the system at the OCLD of \$6,455,117.

5.4.3 Rates Under an IOU

If the Town's water and sewer systems were ever to put up for sale, potential acquirers could include IOUs. Besides the nature of ownership, there is a significant difference in rate setting between municipal and IOU ownership. First, most municipalities use the cash basis for cost recovery, where IOUs are required to use the utility basis.

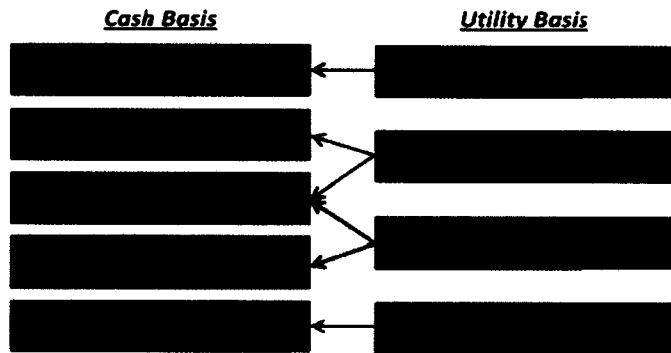


Figure 5.4.3-1: IOU Ownership

These differences in cost recovery have an impact on the customer. All else being equal, utility basis produces higher rates and more stable rates, at least in the short term. It is highly likely that if the water and sewer systems were sold to an IOU, rates for Town residents would go up. The following table shows how the FY 2010/2011 revenue requirements could increase under ownership by an IOU.



We know that the above, combined with Vienna's current treated water source and cost of wastewater treatment will produce an operating loss. The only potential sources of income (at current rates) are:

- Lower treated water cost
- Lower wastewater treatment cost
- Operating cost economies (joint purchasing, being part of larger contracts etc.)

5.5 Intangible Factors in a Valuation

There may be another number of factors that can produce a motivated buyer. These may include:

- Geographic factors – based on its location a utility system may be attractive from a logistics standpoint, providing personnel, stores and equipment in a location that would make an acquiring utility more efficient. This would be valuable to a neighboring utility that was larger and, at least partially, surrounded Vienna
- Relative growth – a growing utility might find Vienna to be an attractive acquisition for its personnel and as a stable base for future economies of scale as the acquiring utility grew.
- Access to low cost wastewater treatment – Vienna currently has capacity rights in Blue Plains in excess of its needs. This may be of value to a utility with high cost wastewater treatment. This would only be valuable to a neighboring utility close enough to make a low cost collection system interconnection.
- Access to low cost water- there are lower cost treated water sources in the region. A utility with access to low cost water close enough to Vienna to make a low cost interconnection would be in a position to keep Vienna rates the same and still earn income through the differential in treated water costs.

5.6 Conclusions of Fair Market Value

As previously stated, the fair market value really is whatever a willing buyer and seller agree to. However, some descriptions of how different valuation techniques are used in different types of transactions can be provided for guidance that address private to public sales and private to private sales.

5.6.1 Private to Public Sales

Some private to public sales (i.e., investor owned utility selling to a unit of government) have occurred at RCLD or a figure in the middle between OCLD and RCLD. It should be stressed that there are factors other than price (such as control) that have made RCLD an acceptable price in those cases, especially when condemnation is involved. Additionally, some municipal utilities that buy out IOUs within or adjacent to their service area will base their valuation on an income-based approach because they anticipate cost savings and just need to be sure that the net cash generated by the acquisition is sufficient to pay off any debt associated with the acquisition.



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Town of Vienna

Water & Sewer Inventory

Final Report

Wiley|Wilson Comm. No. 210168.00

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TABLE OF CONTENTS

TABLE OF CONTENTS.....	i
1.0 EXECUTIVE SUMMARY	1
2.0 INTRODUCTION	3
2.1 Utility Background.....	3
2.2 Review of Available Water & Sewer Information.....	3
3.0 BENCHMARKING THE WATER & SEWER UTILITY	5
3.1 Qualserve Benchmarking	5
3.1.1 Organizational Best Practices Index	6
3.1.2 Employee Health & Safety Severity Rate.....	8
3.1.3 Employee Efficiency.....	9
3.1.4 Residential Cost of Water and Sewer Service	9
3.1.5 Billing Accuracy	9
3.1.6 Distribution System Water Loss	10
3.2 EPA Utility Management.....	10
3.2.1 Product Quality	10
3.2.2 Customer Satisfaction.....	11
3.2.3 Employee Leadership and Development	11
3.2.4 Operational Optimization.....	12
3.2.5 Financial Viability	12
3.2.6 Infrastructure Stability	12
3.2.7 Operational Resiliency.....	13
3.2.8 Community Sustainability	13
3.2.9 Water Resource Adequacy.....	14
3.2.10 Stakeholder Understanding and Support	14
3.3 Results & Conclusions	15
3.3.1 AWWA Qualserve Benchmarking	15
3.3.2 EPA Utility Management.....	16
3.3.3 Conclusions.....	16



Appendix C - Capital Improvement Program.....	C
Appendix D – Index of Water & Sewer Information Resources.....	D
Appendix E – Water and Sewer CIP Exhibits	E



1.0 EXECUTIVE SUMMARY

The Town of Vienna Department of Public Works (DPW) operates and maintains a public water distribution and sanitary sewage collection system that serves Town citizens and a small number of Fairfax County residents. Currently, the Town lacks a Capital Improvement Program (CIP) for planning utility projects. This report presents an asset inventory, summarizes the condition of the water and sewer systems, benchmarks the utility operation, and provides recommendations for system renewal and replacement projects. A CIP with a ten-year planning horizon is included in Appendix C.

Water and sewer assets have been assessed through a review of service records, interviews with DPW personnel, and a limited field investigation. The water distribution system is showing signs of age, as water main breaks and dirty water complaints from citizens are not infrequent. Water storage and pumping facilities are in good condition. A shortfall in the capacity required to meet regulatory requirements is being addressed through a negotiated agreement with the Town's water wholesale supplier, and capital investment for increased capacity is not planned. Much of the sanitary sewer collection system is performing well, despite approaching the late term of its service life. This is likely attributed to an aggressive cleaning and maintenance program. Maintenance of the sewers is especially intensive in commercial areas, where frequent buildups of grease threaten to block pipes.

Recommended system improvements and capital expenditures include the replacement and rehabilitation of water mains, a SCADA system for automated water system controls, procurement of water main condition testing and leak detection technology, and water storage tank maintenance. These investments will allow DPW to continue to provide a relatively high level of service to customers by addressing immediate repair needs, and to position the utility to stay ahead of growing capital investment needs predicted to occur in the coming decades. Proposed capital expenditures in the CIP average \$1,300,000 per year throughout the ten year planning period.

The water and sewer asset inventory, prepared using Microsoft Excel, will be used by Town Water and Sewer personnel to track and prioritize maintenance activities. The Excel format is compatible with the Town's GIS database, which allows the capability to easily update the GIS database as necessary when the inventory is updated.

The Town's water and sewer system performance is benchmarked against both internal performance goals and the performance of other municipal utility operators. This process helped identify gaps in the level of service provided by the utility, and focuses the priorities for system improvements. Recommended improvements target projects that improve infrastructure stability, operational optimization, and financial viability.



2.0 INTRODUCTION

2.1 Utility Background

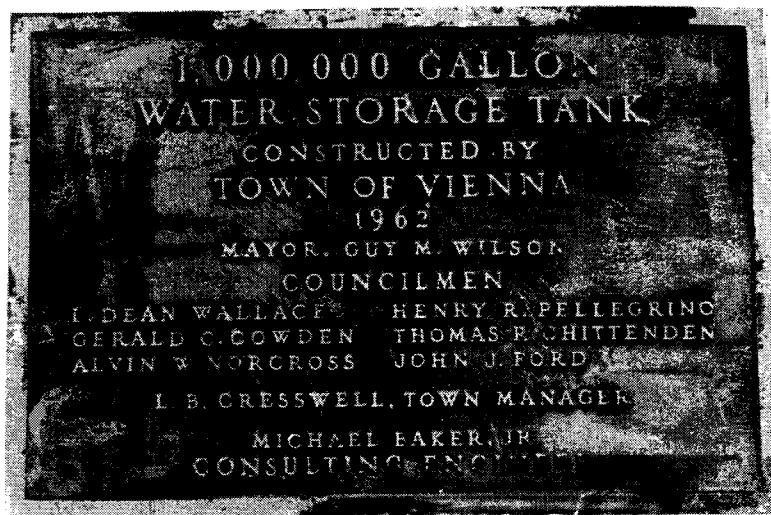
The Town of Vienna DPW operates and maintains a public water distribution and sanitary sewage collection system that serves Town citizens, as well as some Fairfax County residents. The water and sewer division is staffed with 20.5 full time equivalent employees.

The Town's water service area is nearly 8 square miles, delivering water to more than 9,000 residential and commercial accounts. Much of the system was developed in the 1950s and 1960s, although the oldest pipes were constructed in the 1890s. The Town purchases water from the City of Falls Church, which is transmitted through five interconnections. The Town also has five interconnections with Fairfax Water, which are not currently active. Water mains in the Town's distribution system range in size up to 16 inches. System pressure is maintained in two zones, served by three water storage tanks and a pump station located at Wall Street.

The Town's sanitary sewer service area is about 5 square miles. Sanitary sewer mains range in size from 4 inches to 42 inches. Fairfax County conveys sewage from three sewer mains at the service area boundary.

Sewage flow is metered at each of these locations.

Funding for maintenance of the utilities is allocated on an annual basis through the water and sewer fund. Capital improvements are funded through bond issues which typically occur every 2-3 years. Project requests are submitted by DPW staff each year based on immediate priorities, but planning for future years is limited.



2.2 Review of Available Water & Sewer Information

The consultant team was provided with a number of informational resources that describe the water and sewer systems. The catalog includes record drawings, GIS databases, a WaterCAD model, regulatory correspondence, and internal record-keeping documentation. Appendix D includes an index of available information.



3.0 BENCHMARKING THE WATER & SEWER UTILITY

Benchmarking of a utility's operational and management performance against internal performance goals and the performance of other utility operators can provide valuable insight to help guide performance improvements. This exercise incorporates relevant metrics from Environmental Protection Agency (EPA) and American Water Works Association (AWWA) benchmarking and assessment procedures. Data was provided by DPW to complete the quantitative inputs. Information for qualitative inputs was gathered during an interview on February 1, 2011. The following personnel participated in the discussion of attribute ratings and rankings:

Holly Chu – Director (Former), Department of Public Works
Dennis Johnson – Director (Acting), Department of Public Works
Jim Calvert – Superintendant, Water & Sewer
Rozia Armstrong – Supervisor, Meters
Keith Rorie – Supervisor, Water & Sewer

3.1 Qualserve Benchmarking

Using AWWA's QualServe model, the Town's achievement in several performance indicators was evaluated. The model is comprised of 22 performance indicators in the areas of Organizational Development, Customer Relations, Business Operations, Water Operations, and Wastewater Operations. The following indicators were used in this study of the Town's water and sewer utility:

- Organizational Best Practices Index
- Employee Health & Safety Severity Rate
- Employee Efficiency
- Residential Cost of Water and Sewer Service
- Billing Accuracy
- Distribution System Water Loss

These indicators were selected based on the availability of data. The first three indicators listed above are characterized together as measures of achievement in the Organizational Development area of utility operations. Residential Cost and Billing Accuracy are measures of achievement in the Customer Relations area. Water Loss is a measure of Water Operations.

For comparison in benchmarking the Town's achievement, the 2005 Qualserve data are referenced. More recent data is available (2007), but may not be necessary for the general comparisons sought in this report. The water and sewer department is compared to "like-size" utilities, which refers to water and/or sewer utilities serving less than 10,000 customers (9,390). Town data from the 2010 calendar year is used, although the Town's fiscal year runs from July through June. Comparisons are made to other utilities in the South region where relevant. The



updated since 2005. The Town has workman's compensation insurance.

3.1.1.4 Optimized Asset Management

Points: 2

Discussion: An asset management program is in development by way of this report and resulting CIP. Previously, asset inventories were available, but had not been compiled or updated for efficient use in planning maintenance and capital improvements.

3.1.1.5 Performance Measurement

Points: 1

Discussion: There is no formal system for performance measurement that is responsive to the needs of employees, management, and executives. DPW has open communication with elected officials, customers, and the general public. Feedback on performance is received through Town Council meetings and customer service requests, but is not solicited by DPW or measured against performance targets.

3.1.1.6 Customer Involvement

Points: 3

Discussion: There is no formal program to assure that customers participate effectively in the utility management process. DPW disseminates water quality test results to customers once a year, in accordance with state reporting requirements. Communication with customers is primarily facilitated through the Town website, and phone numbers are available for customers to reach subject matter experts. Customer issues and complaints are typically received by phone, and responded to within one hour. While the discussion of utility projects sometimes takes place in Town Council meetings in front of the public, DPW does not solicit input from customers on projects and programs under consideration. While in the design phase or under construction, DPW is very proactive in keeping citizens informed.



equivalent employees are serving the water system, the Customer Accounts per Employee is 916. This value is well above 75th percentile value of 707 for like-size utilities. Based on an average 2.05 MGD of water billed, the Town delivers 0.20 MGD per water system employee. This compares with the median value of 0.19 for like-size utilities.

3.1.4 Residential Cost of Water and Sewer Service

The monthly bill amounts for residential water and sewer service for a customer using 7,500 gallons of water per month is summarized in the following table, and compared to the 25th percentile bill amount for other utilities.

Table 3-1 Town Cost of Water and Sewer Service

Service	Town	25 th Percentile Like-Size Utilities	25 th Percentile Utilities in South Region
Water	\$12.64	\$26.80	\$16.60
Sewer	\$14.85	\$25.10	\$21.00
Combined*	\$27.49	\$47.4	\$40.6

*Data was not available for utilities serving less than 10,000 customers, so data presented here is for utilities serving between 10,000 and 50,000 customers.

The rates provided for peer utilities are from 2005 and are not adjusted for inflation, which would push rates upward. Water and sewer rates are relatively low compared to other utilities nationally, which is the basis of comparison for this benchmarking exercise. The Town's water rates are near the 75th percentile when compared to other Washington, D.C. metro area utilities¹, and sewer rates are near the median.

3.1.5 Billing Accuracy

Billing Accuracy measures the effectiveness of utility billing practices. The Town reported 48 error-driven billing adjustments per 10,000 bills generated during the year. This is well above the 75th percentile 17.6 errors experienced by like-size utilities. The Water and Sewer Department recognizes they have a problem, and are taking steps to improve billing accuracy. Between 250 and 450 meters are being replaced each year with new automatic meter reading meters, and approximately 25% of existing meters were tested for accuracy last year.

3.1.6 Distribution System Water Loss

The Distribution System Water Loss measures the percentage of produced water that fails to reach customers and cannot otherwise be accounted for through authorized usage. The water and sewer department estimates authorized unbilled usage, which includes some irrigation systems,

¹ Fairfax Water. "Comparison of Local Water Rates." www.fairfaxwater.org Accessed April 25, 2011.



3.2.2 Customer Satisfaction

Attribute Components:	Customer complaints Customer service delivery Customer satisfaction
Importance Rank:	2
Achievement Rating:	2
Discussion:	The tracking of work orders to address customer complaints just began in the last year. Nearly all complaints generate an immediate response. During after hours, customer issues are directed to the police dispatcher, in which case it may take an hour for DPW personnel to begin to respond. After repair work is completed, customers seem satisfied that the problems have been addressed because the complaints cease. Problems rarely reoccur at the same location.

3.2.3 Employee Leadership and Development

Attribute Components:	Employee retention and satisfaction Management of core competencies Workforce succession preparedness
Importance Rank:	7
Achievement Rating:	2
Discussion:	Employee retention has been very stable, with lower turnover among younger staff as compared to other local utilities. There are a number of training programs in place, including computer software, machines, VDOT workzone, monthly safety classes, and CDL training. The promotional path appears to be clearly understood by water and sewer personnel. DPW is beginning to record their institutional knowledge.

3.2.4 Operational Optimization

Attribute Components:	Resource optimization Water management efficiency
Importance Rank:	5
Achievement Rating:	3



3.2.7 *Operational Resiliency*

Attribute Components:	Recordable incidents of injury or illnesses Insurance claims Risk assessment and response preparedness Ongoing operational resiliency Operational resiliency under emergency conditions
Importance Rank:	6
Achievement Rating:	2
Discussion:	Only the Wall Street pump station has emergency backup power. None of the water storage facilities have emergency generators. The entire sewer collection system is served by gravity, with the exception of one house. Last year, one DPW staff member had a lost-time injury. This occurrence was unusual, and work related injuries have been very infrequent in recent years.

3.2.8 *Community Sustainability*

Attribute Components:	Watershed-based infrastructure planning Green infrastructure Greenhouse gas emissions Service affordability
Importance Rank:	10
Achievement Rating:	5
Discussion:	DPW personnel recently attended a Metropolitan Council of Governments meeting on watershed planning. The water and sewer department could be more forward thinking on conservation topics. Service affordability does not currently play a role in decision making. The Town does not control or occupy a watershed with a water source, and does not operate a sewage treatment plant. This reduces the impetus for watershed-based infrastructure planning.

3.2.9 *Water Resource Adequacy*

Attribute Components:	Water supply adequacy Supply and demand management
Importance Rank:	9



than 10,000 customers. Desirable outcomes are shown in green, and undesirable outcomes are shown in red. The Town's water and sewer utilities scored between the 25th and 75th percentiles for most indicators that were evaluated. Billing accuracy scored poorly, but DPW is proactively addressing this problem. Employee efficiency scored well in terms of the number of customer accounts and volume of water delivered per employee. Water and sewer rates are low compared to other utilities nationally, but are known to be among the higher rates for Washington, D.C. metro area utilities.

Table 3-2 AWWA Qualserve Benchmarking Results

Indicator	Town W&S	Like-Size Utilities		
		25 th Percentile	Median	75 th Percentile
Organizational Best Practices Index	12	11.4	14.4	28.8
Employee Health & Safety* Severity Rate	78.0	2.5	13.1	102.4
Customer Accounts per Employee (Water)	916	212	395	707
MGD Water Delivered per Employee	0.20	.07	.19	.25
Monthly Residential Water Bill for 7,500 Gals	\$12.64	\$26.80	\$28.90	\$36.00
Monthly Residential Sewer Bill for 7,500 Gals	\$14.85	\$25.10	\$33.60	\$42.50
Monthly Residential Combined W&S Bill for 7,500 Gals	\$27.49	\$47.4	\$69.6	\$80.3
Billing Accuracy	48.0	5.6	9.1	17.6
Distribution System Water Loss	11.2%	7.6%	13.7%	15.2%

*Data was not available for utilities serving less than 10,000 customers, so data presented here is for utilities serving between 10,000 and 50,000 customers.

3.3.2 EPA Utility Management

The results of the achievement rating and importance ranking of attributes are plotted in Table 3-3 on the following page. The quadrant shaded blue indicates attributes that received a higher priority, but a lower achievement rating. The attributes identified as most in need of attention include infrastructure stability, operational optimization, and financial viability.



The CIP and benchmarking analysis should be updated annually to capture changes in the utility that may alter investment needs and priorities.



4.0 ASSET INVENTORY & CONDITION ASSESSMENT

All available Town water and sewer records, including GIS data, maintenance reports and maintenance recommendations have been consolidated into the inventory provided in Appendix A of this report. The inventory originated from the Town's GIS water and sewer database, which was last updated in 2005. Wiley|Wilson verified the inventory using Town records, maps, and through field investigation. The inventory includes length and size of pipes, fire hydrants, number of manholes, water meters, water tanks, lift stations, and other major facilities. Asset attributes provided in the inventory include installation date, maintenance history, rehabilitation date, condition, and service life. Column headings have been added into the inventory for future maintenance input.

The condition of water and sewer assets has been assessed through a review of service records, interviews with DPW personnel, and a limited field investigation. In the following sections, we discuss the inventory, service life, condition assessment, and security assessment for these assets.

4.1 Water Distribution System

The Town of Vienna has a water service area of about 8 square miles with approximately 131 miles of piping and accompanying structures. Much of the system was developed in the 1950s and 1960s, although the oldest pipes were constructed in the 1890s. Pipes range in size from 1 to 16 inches, and consist of both cast iron and ductile iron pipe.

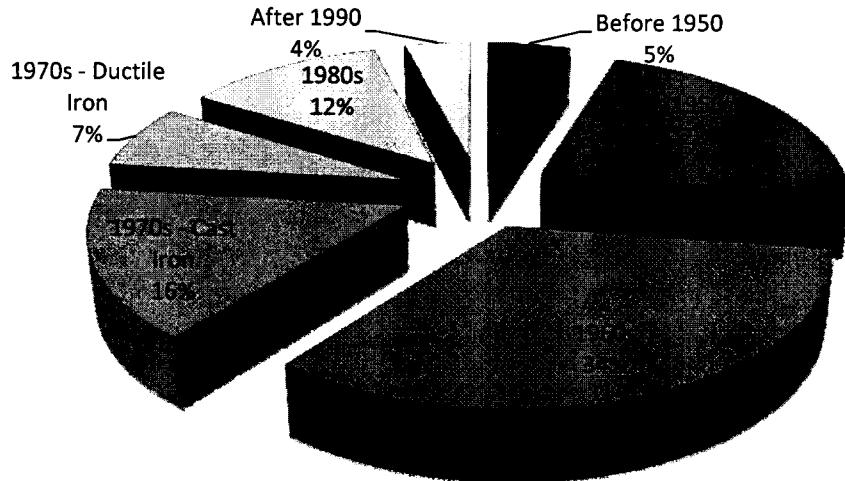
4.1.1 Inventory

The inventory of the Town's water distribution system includes water pipes (Appendix A.1), water appurtenances (Appendix A.2), and fire hydrants (Appendix A.3). More than 80% of the water mains are either 6-inch or 8-inch diameter pipe. Table 4-1 provides the quantities of water appurtenances. Quantities have been verified through discussions with water and sewer department personnel, and in some cases vary from information provided in the Town's GIS database.

Table 4-1: Water Appurtenance Inventory Summary

Water Appurtenance	Quantity
Air Release Valves	2
Backflow Valves	1
Blow-off Valves	151
Boundary Valves	15
Fire Hydrant Valves	853
Fire Hydrants	854

Figure 4-2: Pipe Age and Material Distribution



4.1.2 Service Life

The service life of a water pipe varies greatly on pipe material and age along with internal and external corrosion. Table 4-2 provides the typical service life for water assets based on accepted industry rules of thumb.

Table 4-2: Water System Service Life

Water System Asset	Service Life
Cast Iron Pipe – Waged before 1920	120
Cast Iron Pipe – Waged after 1920	75-100
Ductile Iron Pipe	75+
Water Appurtenance (valves, meters, etc)	40-50
Fire Hydrants	50

The service life listed above is for piping that was properly designed and installed. Cast iron piping placed before 1920 is typically much thicker than the piping installed prior to 1920, which in turn, allows a longer service life. Corrosion, loadings and pressures in excess of the original



one dirty water complaint are condition 3B. Condition 4 is exclusively for pipes that have reached their service life, but do not have record of any maintenance problems. All remaining pipes are categorized as condition five. These are either pipes that are in good condition, or have no available information provided.

Table 4-3: Water Pipe Condition Summary

Condition Assessment	Quantity of Pipe (LF)
1A	1400
1B	0
2A	14,750
2B	300
3A	63,800
3B	1,020
4	1,275
5	61,200

Maintenance personnel stated that the majority of water main breaks were clean breaks with little corrosion or rust on the exterior of the pipe. Most of the breaks have indicated that cast iron and ductile iron piping exteriors appear to be in good condition. Tuberculation tends to be a problem in the older cast iron piping. Pipe repair histories do not indicate a pattern of exterior pipe corrosion problems.

Locations where pipe breaks are occurring and where pressure is low are good determinants of areas of higher priority for pipe repairs and upgrades. Low pressure areas were found by evaluating available fire hydrant flow test results. For the piping where material and placement date were unknown, condition assessments were approximated based on surrounding development.

Isolation valves throughout the system are breaking and being replaced at an approximate rate of 15 valves per year. All household meters are being phased over to digital read meters. Household meters are being replaced at a rate of approximately 4.5% per year of the total water meters in the distribution system.



Proper inspection and preventative maintenance can allow a water tank to have an almost unlimited service life. Tanks should be visually inspected every year by DWP personnel for external damage or potential failure. Every three years, a washout inspection should be completed by a company that specializes in potable water tank inspection in accordance with AWWA M-42. Without an interior inspection, signs of corrosion, failure or water contamination could go undetected. Tank painting should be completed every 15 to 20 years to prevent the previously listed damages from occurring.⁷ This consists of emptying the tank, removing sediment and contaminants, thoroughly cleaning and removing all rust and corrosion from all tank surfaces.

Booster pump systems are typically assigned a service life by the manufacturer. This service life can vary based on the pump cycling and efficiency. Typically water service equipment can last anywhere between 10 and 30 years, depending on these factors.

4.2.3 Condition Assessment

Nutley Street Tank

Based on an invoice that was provided, the Nutley Street tank was both painted and repaired in 2005. The most recent maintenance information available for this tank was from 2009, which was a washout inspection. This inspection provided some minor maintenance tasks that required attention, but did not recommend painting for at least five years. Minor problems included riser grout damage, deteriorated anchor bolts, adjustment requirements for overflow discharge nozzle, concrete pier testing, and minor paint failure and rust.

The pump station in the Nutley Street location was installed in 2009. During the site investigation, pump cycling was discussed for each pump station. The Nutley pumping station tends to run shorter and more often. The pumps typically run from 6-6:30am, 9:30-10am, 2-2:30pm and 7-7:30pm.

Frederick Street Tank

The most recent information for the Frederick storage tank was from 2005, when all three tanks were painted and repaired. The interior this tank was not evaluated during the site investigation, so it is assumed that the above listed date is the most recent interior visual inspections.

The pump station for the Frederick Street location was installed in 2009. The Nutley pumping station tends to run shorter and more often. The Frederick Tank typically runs for 3 hours during peak morning (6-9am) and evening hours (4-7pm).

Wall Street Tank

⁷ Steve Meier, Steel Water Storage Tanks: Design, Construction, Maintenance and Repair (American Water Works Association, 2010) p. 381- 382



4.3.1 Inventory

The Town sanitary system has been inventoried to cataloguing the size, material, length, date of initial placement, rehabilitation date, service life and condition of sanitary piping and manholes. This inventory includes all available information provided by the Town.

The majority of the sanitary piping was placed between the early 1950s to present day, with a small portion installed in the first half of the 20th century and the last decade of the 19th century. All sanitary sewer piping included in the inventory is gravity and ranges in size from 4 to 42 inches. Pipe materials are shown in the Table 4-5.

The only structural appurtenances in the Town's collection system are manholes. Based on the GIS database, there are 2038 manholes in the limits of the Town sanitary system. The structures are constructed of both brick and concrete, as shown in the table below.

Table 4-5 Sanitary Piping

Pipe Material	Percentage in the Town
Asbestos Cement	18.24%
Cast Iron	0.22%
Concrete	67.84%
Ductile Iron	0.03%
PVC	3.63%
Unknown	0.48%
Vitrified Clay	9.47%

Table 4-6: Sanitary Manhole Material

Manhole Material	Quantity
Brick	1521
Concrete	506
Unknown	11



ductile iron) are affected primarily by internal and external corrosion, leakage and joint misalignment.⁹

PVC is a newer pipe material, so less is known about its service life in field applications. PVC is less susceptible to cracks, breaking and corrosion, but can have excessive deflection, alignment and leakage problems.

4.3.3 Condition Assessment

Condition was evaluated for the system based on the date of placement, material and rehabilitation listed in the appendix. Additional resources, provided from Town facilities personnel including *Trouble Spots*, *Sanitary Sewer Needed Repairs* and previous rehabilitation records, are being used to evaluate water system conditions.

Table 4-8: Sanitary Pipe Condition Summary

Condition Assessment	Quantity of Pipe (LF)
1	3,950
2	3,750
3	15,400
4	419,900

Pipes that are listed on the *Needed Repairs List* are considered to be condition 1. Pipes that are listed on the *Trouble Spots List* are condition 2. Pipes that have exceeded the expected service life are listed under condition 3. All remaining pipes that either in good condition or have no available record of problems are listed as condition 4.

It is assumed that if a sanitary pipe is relined, the pipe can be considered as new in terms of a condition assessment. A sanitary pipe can have additional problems that will affect the condition of the pipe other than the reaching its useful life. Sanitary piping is prone to grease buildup, pipe blockage, roots and backup. The location of the pipe can often dictate the problems that the pipe will have, such as a commercial area might have more problems with grease backup or a heavily treed street might have a greater tree root problem. The condition assessment only takes the tree root areas into account, as this can affect the structural integrity of a pipe once a crack or joint has allowed penetration.

⁹ Environmental Protection Agency, Office of Research and Development, [Report on Condition Assessment of Wastewater Collection Systems](#) (Water Supply and Water Resources Division: National Risk Management Research Laboratory, 2010) p. 2-8 – 2-9



5.0 CURRENT WATER & SEWER PROJECTS

5.1 Projects Underway

Water and sewer capital projects currently underway include the following:

- Saint Roman Drive - pipestem water main replacement (\$163k approved by Council for construction)
- Courthouse Road – new water main from Courthouse Circle to Plum Street (\$49k approved by Council for construction)
- Ware Street – Water main replacement from Pekay Street to Walker Street (\$126k approved by Council for construction)
- Lochness Court – Water main replacement (\$26k approved by Council for construction)

5.2 Additional Funds Required

No additional funds are required to complete projects underway. Projects remaining on the Water and Sewer Department's "wish list" will simply be noted as a high priority project for future bond issues.

5.3 Unspent Funds

Funding of \$75,000 for the purchase and consultant support for specification of SCADA equipment was allocated in the FY 2011 budget and has not been spent. The equipment was intended for use at the Wall Street water storage tank, but may be installed at another tank in light of potential modifications required at Wall Street to accommodate additional capacity expected to be provided by Falls Church.



6.0 SYSTEM IMPROVEMENTS

6.1 Water Distribution System

6.1.1 Recommended Improvements

The following improvement projects are recommended for the Town's water distribution system:

- Water main replacement
- Water main rehabilitation
- Water main condition and/or leak detection system
- Removal of abandoned booster pumps

6.1.1.1 Water main replacement

The Town water system includes many pipes and appurtenances are reaching the end of their useful life. Based on the pipes documented by the Water and Sewer Department as having experienced multiple breaks, approximately 16,000 feet of pipe is recommended for near-term replacement. Valves should be replaced as part of the water main replacement. Hydrants should be replaced if they have exceeded their service life or otherwise if performance is compromised.

Priorities have been assigned to each pipe in the system, as shown in the inventory included within Appendix A, and are illustrated in the map included with Appendix F. Priorities for water main replacement are based on the following conditions:

- Priority 1A: Pipe has history of three or more breaks
- Priority 2A: Pipe has history of two breaks
- Priority 3A: Pipe has history of one break

Approximately \$1,000,000 is required each year to fund these improvements, as shown in the proposed CIP included in Appendix C. At this rate of investment, all Priority 1A and 2A pipes will be replaced within five years. Proposed near term water main replacement projects include select pipes located within the following streets (2010 Bond projects in **bold**):



1,300 feet of pipe is recommended for near-term rehabilitation. If the rehabilitation method requires that valves are removed, then this should become an opportunity to replace the valve if valve performance is compromised.

Priorities have been assigned to each pipe in the system, as shown in the inventory included within Appendix A. Priorities for water main replacement are based on the following conditions:

- Priority 1B: Pipe has history of three or more dirty water complaints
- Priority 2B: Pipe has history of two dirty water complaints
- Priority 3B: Pipe has history of one dirty water complaint

Approximately \$75,000 is required in the short term to fund all of the current Priority 1B, 2B, and 3B projects within two years. Proposed water main rehabilitation projects include select pipes located within the following streets:

- Glen Avenue, SW
- Orrin Street, SE
- Scarab Street
- Westwood Terrace

Rehabilitation costs are based on an average unit cost of \$58 per linear feet of pipe. This basis originated from the unit cost of the Town's 2001 lining project using cured-in-place technology to rehabilitate multiple pipes totaling over one mile of 6" diameter pipe. In their Asset Valuation Study, GHD assumes a unit pipe rehabilitation cost of \$40 per linear foot. Larger diameter pipes, the method of rehabilitation, engineering costs, the number of service connections, and other variables will increase unit costs. The replacement unit cost of \$58 is a conservative estimate.

The list of priority water main rehabilitations is anticipated to grow during the next few years, and it may be prudent to plan on funding this effort at \$75,000 each year over the longer term.

There are a wide variety of trenchless pipe rehabilitation technologies. More common methods include sliplining, cured-in-place liners, close-fit liners, and sprayed coatings and liners. The costs and applicability of technology vary greatly, and a thorough diagnosis of pipe deficiencies is needed to properly assign a rehabilitation strategy. A primary resource for evaluating and selecting trenchless rehabilitation methods is the "Rehabilitation of Wastewater Collection and Water Distribution Systems – State of Technology Review Report" by the EPA. Table 8 of this document, "Overview of Water Pipe Rehabilitation Methods,"¹¹ provides a concise reference for comparing methods and is included in

¹¹ Environmental Protection Agency. "Rehabilitation of Wastewater Collection and Water Distribution Systems." www.epa.gov/nrmrl/pubs/600r09048/600r09048.pdf. Accessed April 27, 2011.



CIP includes funding of \$40,000 to recoat and make repairs to all tanks in 2020, which is the earliest this maintenance is likely to be necessary. This work could be delayed pending inspection results closer to that date.

6.2.1.2 SCADA system

The Water and Sewer Department wishes to incorporate SCADA at all water storage tanks, as a minimum. A SCADA (Supervisory Control And Data Acquisition) system would allow water and sewer personnel to immediately know when there are problems with pressure or flow in the system. The SCADA system allows for a quicker response time, as facilities personnel will be alerted on the computer when problems arise rather than hearing about it first from customers. SCADA can be gradually incorporated into other assets of the water distribution system in the future, such as flow meters at boundary connections, but this is not being recommended for CIP funding at this time. The proposed CIP includes \$150,000 to fund SCADA projects at two additional water storage tank sites. These projects will include flow meters, sensors, Programmable Logic Controllers, transmitters, antennas, and software configuration support.

6.2.1.3 Security upgrades

The proposed CIP includes \$30,000 during the next five years for security upgrades. The perimeter fence at the Wall Street tank site should be replaced in the short term. Other less urgent needs include a new security fence around the Creek Crossing sewer metering station, replacement of the chain link fence around the Nutley Street tank, locks for meter vaults, and a new set of locks for facility doors and gates.

6.3 Sanitary Sewer Collection System

6.3.1 Recommended Improvements

The following improvement projects are recommended for the Town sanitary sewer collection system:

- Sanitary sewer replacement/rehabilitation
- Commercial sewer grease buildup study

6.3.1.1 Sanitary sewer replacement/rehabilitation

The Town sewer system includes many areas where piping and appurtenances are reaching the end of their useful life. Based on the pipes documented by the Water and Sewer Department on the “Need Repairs” list, approximately 4,000 feet of pipe is identified for near term repair or replacement.

Priorities have been assigned to each pipe in the system, as shown in the inventory included within Appendix A, and are illustrated in the map included with Appendix F. Priorities for investments in the sewer system are based on the following conditions:



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APPENDICES

Appendix A – Water & Sewer Inventory

Appendix B – Water & Sewer Rehabilitation Methods and Costs

Appendix C - Capital Improvement Program

Appendix D – Index of Water & Sewer Information Resources

Appendix E – Indirect Cost Allocation Study FY 2010

Appendix F – Water and Sewer CIP Exhibits



Appendix A – Water & Sewer Inventory

Appendix A.1 – Water Pipe Inventory

Appendix A.2 – Water Appurtenance Inventory

Appendix A.3 – Fire Hydrant Inventory

Appendix A.4 – Water Pumping & Storage Inventory

Appendix A.5 – Sanitary Pipe Inventory

Appendix A.6 – Sanitary Manhole Inventory



Appendix A.1 – Water Pipe Inventory



Water Pipe Inventory

4/27/2011

Pipe ID	Street Name	Material	Size	Length	Year of Street Construction	# Breaks	Dirty Water Complaint	Rehabilitation Year	Rehabilitation Method	Historic Action	Service Life	Exceeded Service Life Condition
WP283056	LAKESIDE DR	DI	8	295	1989					75	NO	5
WP283057	BEULAH RD	DI	12	20	1988					75	NO	5
WP283056	BEULAH RD	DI	12	485	1988					75	NO	5
WP283057	BEULAH RD	DI	12	20	1988					75	NO	5
WP283098	LAKESIDE DR	DI	8	20	1989					75	NO	5
WP283099	BEULAH RD	DI	12	20	1988					75	NO	5
WP283099	BEULAH RD	DI	6	20	1988					75	NO	5
WP283099	BEULAH RD	DI	12	303	1988					75	NO	5
WP2830101	BEULAH RD	DI	6	206	1988					75	NO	5
WP2830102	CHESTNUT FARM DR	DI	4	20	1988					75	NO	5
WP2830103	CHESTNUT FARM DR	DI	12	20	1988					75	NO	5
WP2830104	BEULAH RD	DI	8	20	1988					75	NO	5
WP2830105	BEULAH RD	DI	12	398	1988					75	NO	5
WP2830106	BEULAH RD	DI	8	20	1988					75	NO	5
WP2830107	LIBERTY TREE LA	DI	8	316	1988					75	NO	5
WP2830108	LIBERTY TREE LA	DI	8	820	1978					75	NO	5
WP2830113	TRAP RD	CI	8	20	1971					100	NO	5
WP2830114	TRAP RD	CI	8	20	1971					100	NO	5
WP2830146	LAKESIDE DR	DI	8	20	1989					75	NO	5
WP2830147	LAKESIDE DR	DI	8	20	1989					75	NO	5
WP2830148	CHESTNUT FARM DR	DI	6	20	1988					75	NO	5
WP2830149	CHESTNUT FARM DR	DI	6	20	1988					75	NO	5
WP2830150	CHESTNUT FARM DR	DI	6	20	1988					75	NO	5
WP2830151	LIBERTY TREE LA	DI	8	20	1978					75	NO	5
WP2830152	LIBERTY TREE LA	DI	8	20	1978					75	NO	5
WP2830153	LIBERTY TREE LA	DI	8	20	1978					75	NO	5
WP2830154	LIBERTY TREE LA	DI	8	20	1978					75	NO	5
WP2830155	SAVANNAH CROSSING CT	DI	8	20	1983					75	NO	5
WP2830156	SAVANNAH CROSSING CT	DI	10	20	1983					75	NO	5
WP2830157	CLARKS CROSSING RD	DI	10	80	1983					75	NO	5
WP2830158	CLARKS CROSSING RD	DI	10	20	1983					75	NO	5
WP2830159	SAVANNAH CROSSING CT	DI	4	20	1996					75	NO	5
WP2830160	CLARKS CROSSING RD	DI	4	20	1983					75	NO	5
WP2830161	SAVANNAH CROSSING CT	DI	4	219	1996					75	NO	5
WP2830162	SAVANNAH CROSSING CT	DI	8	201	1983					75	NO	5
WP2830163	SAVANNAH CROSSING CT	DI	8	20	1996					75	NO	5
WP2830164	SAVANNAH CROSSING CT	DI	8	20	1996					75	NO	5
WP2830165	SAVANNAH CROSSING CT	DI	8	20	1996					75	NO	5
WP2830166	SAVANNAH CROSSING CT	DI	8	20	1996					75	NO	5
WP2830167	SAVANNAH CROSSING CT	DI	8	20	1996					75	NO	5
WP2830168	CLARKS CROSSING RD	DI	8	20	1983					75	NO	5
WP2830169	CLARKS CROSSING RD	DI	10	20	1983					75	NO	5
WP2830170	CLARKS CROSSING RD	DI	10	526	1983					75	NO	5
WP2830171	TIMBERVIEW CT	DI	8	20	1983					75	NO	5
WP2830172	TIMBERVIEW CT	DI	8	139	1983					75	NO	5
WP2830173	TIMBERVIEW CT	DI	8	50	1983					75	NO	5
WP2830174	TIMBERVIEW CT	DI	4	20	1983					75	NO	5
WP2830175	TIMBERVIEW CT	DI	4	167	1983					75	NO	5
WP2830176	TIMBERVIEW CT	DI	4	20	1983					75	NO	5
WP2830177	TIMBERVIEW CT	DI	6	129	1983					75	NO	5



Water Pipe Inventory

4/27/2011

Pipe ID	Street Name	Material	Size	Length	Year of Street Construction	# Breaks	Dirty Water Complaint	Rehabilitation Year	Rehabilitation Method	Historic Action	Service Life	Exceeded Service Life Condition
WP2830376	PERCUSSION WY	CI	16	196	1971					100	NO	5
WP2830377	ABBOTSFORD DR	CI	16	22	1969					100	NO	5
WP2830378	MACY AV	CI	16	20	1973					100	NO	5
WP2830379	LABRADOR LA	CI	16	748	1969					100	NO	5
WP2830380	PODIUM DR	CI	6	20	1970					100	NO	5
WP2830381	PODIUM DR	CI	6	20	1970					100	NO	5
WP2830382	PODIUM DR	CI	6	20	1970					100	NO	5
WP2830383	PODIUM DR	CI	6	20	1970					100	NO	5
WP2830384	PODIUM DR	CI	6	20	1970					100	NO	5
WP2830385	PODIUM DR	CI	6	20	1970					100	NO	5
WP2830386	PODIUM DR	CI	6	308	1970					100	NO	5
WP2830387	PRELUDE DR	CI	6	20	1970					100	NO	3A
WP2830388	PRELUDE DR	CI	6	482	1970					100	NO	5
WP2830391	WOODWIND WY	CI	8	20	1970					100	NO	5
WP2830392	WOODWIND WY	CI	8	20	1970					100	NO	5
WP2830393	WOODWIND WY	CI	8	20	1970					100	NO	5
WP2830394	WOODWIND WY	CI	8	20	1970					100	NO	5
WP2830395	WOODWIND WY	CI	6	20	1970					100	NO	5
WP2830396	BATON DR	CI	8	20	1970					100	NO	5
WP2830397	PRELUDE DR	CI	8	210	1970					100	NO	5
WP2830398	PRELUDE DR	CI	8	20	1970					100	NO	5
WP2830399	PRELUDE DR	CI	8	20	1970					100	NO	5
WP2830400	WOODWIND WY	CI	8	20	1972					100	NO	5
WP2830401	WOODWIND WY	CI	8	20	1972					100	NO	5
WP2830402	WOODWIND WY	CI	6	20	1971					100	NO	5
WP2830403	WOODWIND WY	CI	8	20	1971					100	NO	5
WP2830404	WOODWIND WY	CI	8	20	1972					100	NO	5
WP2830405	WOODWIND WY	CI	8	20	1972					100	NO	5
WP2830406	WOODWIND WY	CI	8	547	1970					100	NO	5
WP2830407	CARRIAGE CT	CI	8	20	1973					100	NO	5
WP2830408	CONTRALTO CT	CI	8	20	1972					100	NO	5
WP2830409	CONTRALTO CT	CI	8	398	1972					100	NO	5
WP2830410	CYMBAL DR	CI	8	20	1972					100	NO	5
WP2830411	CYMBAL DR	CI	8	20	1972					100	NO	5
WP2830412	AUBREY PLACE CT	CI	8	20	1984					75	NO	5
WP2830413	AUBREY PLACE CT	CI	8	20	1984					75	NO	5
WP2830414	AUBREY PLACE CT	DI	8	20	1984					75	NO	5
WP2830415	AUBREY PLACE CT	DI	8	157	1984					75	NO	5
WP2830416	AUBREY PLACE CT	DI	4	20	1984					75	NO	5
WP2830417	CYMBAL DR	CI	8	20	1972					100	NO	5
WP2830418	CYMBAL DR	CI	8	20	1972					100	NO	5
WP2830419	BATON DR	CI	6	20	1970					100	NO	5
WP2830420	BATON DR	CI	6	20	1970					100	NO	5
WP2830421	BATON DR	CI	6	20	1970					100	NO	5
WP2830422	BATON DR	CI	6	430	1970					100	NO	3A
WP2830423	BATON DR	CI	6	162	1970					100	NO	5
WP2830424	PRELUDE DR	CI	6	332	1970					100	NO	5
WP2830425	PRELUDE DR	CI	6	359	1970					100	NO	5
WP2830426	BATON DR	CI	6	20	1970					100	NO	5
WP2830427	BATON DR	CI	6	20	1970					100	NO	5



Pipe ID	Street Name	Material	Size	Length	Year of Street Construction	# Breaks	Dirty Water Complaint	Rehabilitation Year	Rehabilitation Method	Historic Action	Service Life	Exceeded Service Life	Condition
WP2830478	CLARKS GLEN PL	DI	8	20	1983						75	NO	5
WP2830479	PERCUSSION WY	CI	8	20	1970						100	NO	5
WP2830480	ALTO CT	CI	4	20	1970						100	NO	5
WP2830481	MEMORY CT	CI	6	20	1969						100	NO	5
WP2830482	SAINT BONIFACE ST	CI	8	61	1976						100	NO	5
WP2830483	BLYTEHE DALE CT	DI	8	51	1981						75	NO	5
WP2830484	SAINT BONIFACE ST	CI	8	20	1976						100	NO	5
WP2830485	ABBOTSFORD DR	CI	8	20	1969						100	NO	5
WP2830486	ABBOTSFORD DR	CI	8	20	1969						100	NO	5
WP2830487	ABBOTSFORD DR	CI	8	370	1969						100	NO	5
WP2830488	BATON DR	CI	6	202	1970						100	NO	5
WP2830489	CARRIAGE CT	CI	8	20	1973						100	NO	5
WP2830490	PRELUDE DR	CI	4	20	1970						100	NO	5
WP2830491	PERCUSSION WY	CI	10	20	1969						100	NO	5
WP2830492	CLARKS CROSSING RD	DI	10	1041	1983						75	NO	5
WP2830493	ABBOTSFORD DR	CI	8	10	1969						100	NO	5
WP2830494	ABBOTSFORD DR	CI	8	10	1969						100	NO	5
WP2830495	MACY AV	DI	6	397	1994						75	NO	5
WP2830496	MACY AV	DI	6	20	1994						75	NO	5
WP2830497	MACY AV	DI	6	20	1994						75	NO	5
WP2830498	ABBOTSFORD DR	CI	16	56	1970						100	NO	5
WP2831029	AUBREY PLACE CT	DI	4	20	1984						75	NO	5
WP2831030	AUBREY PLACE CT	DI	4	20	1984						75	NO	5
WP2831031	AUBREY PLACE CT	DI	4	107	1984						75	NO	5
WP2831032	AUBREY PLACE CT	DI	4	20	1984						75	NO	5
WP2831033	CYMBAL DR	CI	8	113	1972						100	NO	5
WP2831034	CYMBAL DR	CI	8	20	1972						100	NO	5
WP2831035	CONTRALTO CT	CI	8	20	1972						100	NO	5
WP2831036	CARRIAGE CT	CI	6	73	1973						100	NO	5
WP2831037	CARRIAGE CT	CI	6	10	1973						100	NO	5
WP2831038	CONTRALTO CT	CI	6	515	1971						100	NO	5
WP2831039	CONTRALTO CT	CI	6	20	1970						100	NO	5
WP2831040	PRELUDE CT	CI	4	220	1970						100	NO	5
WP2831041	REPRISE CT	CI	4	20	1971						100	NO	5
WP2831042	CONCERTO CI	CI	6	171	1970						100	NO	5
WP2831043	CONCERTO CI	CI	6	20	1970						100	NO	5
WP2831044	PRELUDE CT	CI	4	210	1970						100	NO	5
WP2831045	PRELUDE CT	CI	4	20	1970						100	NO	5
WP2831046	CLARKS GLEN PL	DI	4	227	1983						75	NO	5
WP2831047	CLARKS GLEN PL	DI	4	20	1983						100	NO	5
WP2831048	LABRADOR LA	CI	16	20	1973						100	NO	5
WP2831049	LABRADOR LA	DI	16	506	1994						75	NO	5
WP2831050	LABRADOR LA	CI	16	25	1970						100	NO	5
WP2831051	LABRADOR LA	CI	16	20	1970						100	NO	5
WP2831052	PRELUDE DR	CI	6	524	1970						100	NO	5
WP2831054	MEMORY CT	CI	6	20	1970						100	NO	5
WP2831055	MEMORY CT	CI	6	368	1969						100	NO	3A
WP2831056	TRUMPET CT	CI	4	247	1970						100	NO	5
WP2831057	TRUMPET CT	CI	4	20	1970						100	NO	5
WP2831058	ALTO CT	CI	4	151	1970						100	NO	5



Water Pipe Inventory

4/27/2011

Pipe ID	Street Name	Material	Size	Length	Year of Street Construction	# Breaks	Dirty Water Complaint	Rehabilitation Year	Rehabilitation Method	Historic Action	Service Life	Exceeded Service Life	Condition
WP2840013	GELDING LA	CI	6	20	1969						100	NO	5
WP2840014	HAMBLETONIAN PL	CI	6	30	1969						100	NO	5
WP2840023	BOIS AV	CI	8	20	1970						100	NO	5
WP2840024	BOIS AV	DI	8	20	1981						75	NO	5
WP2840025	MONTMORENCY DR	DI	8	642	1981						75	NO	5
WP2840027	MONTMORENCY DR	DI	8	60	1982						75	NO	5
WP2840028	MONTMORENCY DR	DI	8	20	1982						75	NO	5
WP2840032	MONTMORENCY DR	DI	8	20	1982						75	NO	5
WP2840041	OLD COURTHOUSE RD	DI	8	20	1978						75	NO	5
WP2840044	HICKS DR	CI	6	20	1969						100	NO	5
WP2840045	GALLOWAY DR	CI	6	20	1969						100	NO	5
WP2840046	GELDING LA	CI	8	20	1969						100	NO	5
WP2840047	BRONCO LA	CI	4	20	1969						100	NO	5
WP2840048	MONTMORENCY DR	DI	4	20	1981						75	NO	5
WP2840049	BOIS AV	CI	6	20	1970						100	NO	5
WP2840050	MONTMORENCY DR	CI	6	209	1970						100	NO	5
WP2840051	MONTMORENCY DR	DI	6	202	1981						75	NO	5
WP2840052	MONTMORENCY DR	DI	2	52	1981						75	NO	5
WP2840053	MONTMORENCY DR	DI	8	44	1981						75	NO	5
WP2840054	MONTMORENCY DR	DI	8	620	1981						75	NO	5
WP2840058	BURWOOD CT	DI	6	20	1980						75	NO	5
WP2840059	BURWOOD CT	DI	6	43	1980						75	NO	5
WP2840060	BURWOOD CT	DI	6	373	1980						75	NO	5
WP2840061	BESLEY RD	CI	6	485	1970						100	NO	5
WP2840062	MONTMORENCY DR	DI	6	455	1981						75	NO	5
WP2840063	OLD COURTHOUSE RD	DI	6	20	1978						75	NO	5
WP2840064	BURWOOD CT	DI	6	231	1978						75	NO	5
WP2840066	MASSONOFF CT	CI	4	20	1971						100	NO	5
WP2840067	ERMANTRUDE CT	DI	8	517	1982						75	NO	5
WP2840071	GALLOWAY DR	CI	6	454	1969	1					100	NO	3A
WP2840072	GALLOWAY DR	CI	6	20	1969						100	NO	5
WP2840073	BRONCO LA	CI	4	185	1970	1					100	NO	3A
WP2840074	BRONCO LA	CI	4	20	1970						100	NO	5
WP2840075	MOONAC CT	DI	4	211	1981						75	NO	5
WP2840076	MOONAC CT	DI	4	20	1981						75	NO	5
WP2840077	OLD COURTHOUSE RD	DI	8	20	1978						75	NO	5
WP2840078	OLD COURTHOUSE RD	DI	8	20	1978						75	NO	5
WP2840079	GALLOWAY DR	CI	8	20	1969						100	NO	5
WP2840080	ARABIAN AV	CI	8	351	1969						100	NO	5
WP2840081	ARABIAN AV	CI	8	20	1969						100	NO	5
WP2840082	ARABIAN AV	CI	8	20	1970						100	NO	5
WP2840083	ARABIAN AV	CI	6	20	1969						100	NO	5
WP2840084	HICKS DR	CI	6	301	1969						100	NO	5
WP2840085	ARABIAN AV	CI	8	222	1969	2					100	NO	2A
WP2840086	ARABIAN AV	CI	8	61	1969						100	NO	5
WP2840087	GELDING LA	CI	8	20	1970						100	NO	5
WP2840088	GELDING LA	CI	8	20	1971						100	NO	5
WP2840089	OLD COURTHOUSE RD	DI	8	20	1978						75	NO	5
WP2840090	ARABIAN AV	CI	8	191	1971						100	NO	5
WP2840091	ARABIAN AV	CI	8	20	1970						100	NO	5



Pipe ID	Street Name	Material	Size	Length	Year of Street Construction	# Breaks	Dirty Water Complaint	Rehabilitation Year	Rehabilitation Method	Historic Action	Service Life	Exceeded Service Life Condition
WP2840210	ABBOTSFORD DR	CI	16	193	1969						100	NO
WP2840211	ABBOTSFORD DR	CI	16	69	1969						100	NO
WP2840212	ABBOTSFORD DR	CI	16	20	1969						100	NO
WP2840213	ABBOTSFORD DR	CI	16	20	1969						100	NO
WP2840214	ABBOTSFORD DR	CI	16	98	1969						100	NO
WP2840215	ABBOTSFORD DR	CI	16	20	1969						100	NO
WP2840216	ABBOTSFORD DR	CI	16	20	1969						100	NO
WP2840217	ABBOTSFORD DR	CI	16	20	1969						100	NO
WP2840218	ABBOTSFORD DR	CI	16	178	1969						100	NO
WP2840219	ABBOTSFORD DR	CI	16	10	1969						100	NO
WP2840220	ABBOTSFORD DR	CI	16	20	1969						100	NO
WP2840222	OLD COURTHOUSE RD	DI	16	606	1978						75	NO
WP2840223	SAIN T ROMAN DR	CI	6	191	1968						100	NO
WP2840224	SAIN T ROMAN DR	CI	6	20	1968						100	NO
WP2840225	SAIN T ROMAN DR	CI	4	20	1968						100	NO
WP2840226	TELFER CT	CI	4	239	1968						100	NO
WP2840227	TELFER CT	CI	4	20	1968						100	NO
WP2840228	SAIN T ROMAN DR	CI	6	20	1968						100	NO
WP2840229	SAIN T ROMAN DR	CI	6	20	1968						100	NO
WP2840230	SAIN T ROMAN DR	CI	6	51	1968						100	NO
WP2840231	SAIN T ROMAN DR	CI	6	101	1968						100	NO
WP2840232	SAIN T ROMAN DR	CI	6	109	1968						100	NO
WP2840233	SAIN T ROMAN DR	CI	6	191	1968						100	NO
WP2840234	SAIN T ROMAN DR	CI	6	159	1968						100	NO
WP2840235	SAIN T ROMAN DR	CI	6	64	1968						100	NO
WP2840236	SAIN T ROMAN DR	CI	6	20	1968						100	NO
WP2840237	SAIN T ROMAN DR	CI	6	20	1968						100	NO
WP2840238	SAIN T ROMAN DR	CI	6	20	1968						100	NO
WP2840239	SAIN T ROMAN DR	CI	6	20	1968						100	NO
WP2840240	SAIN T ROMAN DR	CI	6	20	1968						100	NO
WP2840241	SAIN T ROMAN DR	CI	3	20	1968						100	NO
WP2840242	SAIN T ROMAN DR	CI	3	20	1968						100	NO
WP2840243	SAIN T ROMAN DR	CI	3	125	1968						100	NO
WP2840244	SAIN T ROMAN DR	CI	3	20	1968						100	NO
WP2840245	SAIN T ROMAN DR	CI	3	132	1968						100	NO
WP2840246	SAIN T ROMAN DR	CI	3	20	1968						100	NO
WP2840247	SAIN T ROMAN DR	CI	3	123	1968						100	NO
WP2840248	SAIN T ROMAN DR	CI	3	20	1968						100	NO
WP2840249	SAIN T ROMAN DR	CI	3	113	1968						100	NO
WP2840250	BEULAH RD	DI	12	493	1988						75	NO
WP2840251	BEULAH RD	DI	12	20	1988						75	NO
WP2840252	BEULAH RD	DI	12	20	1988						75	NO
WP2840253	BEULAH RD	DI	12	70	1988						75	NO
WP2840254	BEULAH RD	DI	12	42	1988						75	NO
WP2840255	BEULAH RD	DI	12	20	1988						75	NO
WP2840256	BEULAH RD	DI	12	20	1988						75	NO
WP2840257	BEULAH RD	DI	8	20	1988						75	NO
WP2840258	DELANCEY DR	DI	8	280	1988						75	NO
WP2840259	DELANCEY DR	DI	6	20	1986						75	NO
WP2840260	WINDSOR HUNT CT	DI	6	20	1986						75	NO



Pipe ID	Street Name	Material	Size	Length	Year of Street Construction	# Breaks	Dirty Water Complaint	Rehabilitation Year	Rehabilitation Method	Historic Action	Service Life	Exceeded Service Life Condition
WP2840317	KILPORT CT	CI	4	168	1968					100	NO	5
WP2840318	KILPORT CT	CI	4	20	1969					100	NO	5
WP2840319	MIDLOTHIAN CT	CI	8	20	1968					100	NO	5
WP2840320	MIDLOTHIAN CT	CI	8	20	1968					100	NO	5
WP2840321	MIDLOTHIAN CT	CI	8	20	1968					100	NO	5
WP2840322	MIDLOTHIAN CT	CI	8	20	1968					100	NO	5
WP2840323	MIDLOTHIAN CT	CI	8	464	1968					100	NO	3A
WP2840324	MIDLOTHIAN CT	CI	6	20	1968					100	NO	5
WP2840325	MIDLOTHIAN CT	CI	6	385	1968					100	NO	5
WP2840326	NIGEL CT	CI	8	20	1968					100	NO	5
WP2840327	NIGEL CT	CI	8	20	1968					100	NO	5
WP2840328	NIGEL CT	CI	4	20	1968					100	NO	5
WP2840329	BEULAH RD	DI	6	20	1988					75	NO	5
WP2840330	BEULAH RD	DI	6	20	1988					75	NO	5
WP2840331	BEULAH RD	CI	12	402	1968					100	NO	5
WP2840332	BEULAH RD	DI	6	20	1988					75	NO	5
WP2840333	BEULAH RD	DI	6	20	1988					75	NO	5
WP2840334	BEULAH RD	DI	6	108	1988					75	NO	5
WP2840335	BEULAH RD	DI	6	94	1988					75	NO	5
WP2840336	BEULAH RD	DI	6	20	1988					75	NO	5
WP2840337	BEULAH RD	DI	4	70	1988					75	NO	5
WP2840374	PERCUSSION WY	CI	16	20	1969					100	NO	5
WP2840695	WESTWOOD DR NE	CI	8	20	1971					100	NO	5
WP2840606	OLD COURT HOUSE RD NE	CI	8	379	1965					100	NO	5
WP2840608	WESTWOOD DR NE	DI	6	20	1978					75	NO	5
WP2840663	HIGDON DR	CI	8	20	1952					100	NO	5
WP2840664	HIGDON DR	CI	8	273	1952					100	NO	5
WP2840665	HIGDON DR	CI	8	20	1952					100	NO	5
WP2840666	ASHGROVE MEADOWS WY	CI	6	20	1958					100	NO	5
WP2840667	ASHGROVE MEADOWS WY	CI	6	20	1958					100	NO	5
WP2840668	ASHGROVE MEADOWS WY	CI	6	169	1958					100	NO	5
WP2840669	ASHGROVE MEADOWS WY	CI	6	20	1958					100	NO	5
WP2840670	ASHGROVE MEADOWS WY	CI	6	20	1958					100	NO	5
WP2840671	ASHGROVE MEADOWS WY	CI	6	391	1958					100	NO	5
WP2840672	ASHGROVE MEADOWS WY	CI	6	20	1958					100	NO	5
WP2840673	IRVIN ST	CI	6	20	1966					100	NO	5
WP2840674	IRVIN ST	CI	8	20	1952					100	NO	5
WP2840675	IRVIN ST	CI	8	20	1966					100	NO	5
WP2840676	PALM SPRINGS DR	CI	8	20	1952					100	NO	5
WP2840677	HIGDON DR	CI	8	430	1965					100	NO	5
WP2840678	PALM SPRINGS DR	CI	8	20	1965					100	NO	5
WP2840679	PALM SPRINGS DR	CI	8	20	1952					100	NO	5
WP2840680	PALM SPRINGS DR	CI	8	20	1952					100	NO	5
WP2840681	PALM SPRINGS DR	CI	8	20	1952					100	NO	5
WP2840682	PALM SPRINGS DR	CI	8	20	1952					100	NO	5
WP2840683	HIGDON DR	CI	8	711	1952					100	NO	2A
WP2840684	PALM SPRINGS DR	CI	8	20	1952					100	NO	5
WP2840685	DORAL CT	CI	4	20	1966					100	NO	5
WP2840686	PALM SPRINGS DR	CI	8	20	1965					100	NO	5
WP2840687	PALM SPRINGS DR	CI	8	20	1965					100	NO	5



Pipe ID	Street Name	Material	Size	Length	Year of Street Construction	# Breaks	Dirty Water Complaint	Rehabilitation Year	Rehabilitation Method	Historic Action	Service Life	Exceeded Service Life	Condition
WP2840741	WESTWOOD DR NE	CI	8	20	1971					100	NO	5	
WP2840742	WESTWOOD DR NE	DI	8	20	1978					75	NO	5	
WP2840743	WESTWOOD DR NE	DI	8	20	1978					75	NO	5	
WP2840744	WESTWOOD DR NE	CI	8	20	1971					100	NO	5	
WP2840745	WESTWOOD DR NE	CI	8	9	1971					100	NO	5	
WP2840746	WESTWOOD DR NE	CI	6	20	1971					100	NO	5	
WP2840747	WESTWOOD DR NE	CI	8	252	1971					100	NO	5	
WP2840748	WESTWOOD DR NE	CI	8	20	1963					100	NO	5	
WP2840749	MANOR DR NE	CI	6	20	1963					100	NO	5	
WP2840750	MANOR DR NE	CI	6	291	1963					100	NO	5	
WP2840751	MANOR DR NE	CI	6	20	1963					100	NO	5	
WP2840752	LONGVIEW CT NE	CI	4	20	1963					100	NO	5	
WP2840753	LONGVIEW CT NE	CI	4	130	1963					100	NO	5	
WP2840754	LONGVIEW CT NE	CI	4	20	1963					100	NO	5	
WP2840755	WESTWOOD DR NE	CI	8	411	1963					100	NO	5	
WP2840756	LONGVIEW CT NE	CI	8	60	1963					100	NO	5	
WP2840757	LONGVIEW CT NE	CI	8	20	1971					100	NO	5	
WP2840758	LONGVIEW CT NE	CI	8	20	1971					100	NO	5	
WP2840759	OVERLOOK LA NE	CI	6	20	1971					100	NO	5	
WP2840760	WESTWOOD DR NE	CI	8	443	1971					100	NO	5	
WP2840761	OVERLOOK LA NE	CI	8	20	1971					100	NO	5	
WP2840762	OVERLOOK LA NE	CI	6	20	1971					100	NO	5	
WP2840763	OVERLOOK LA NE	CI	8	20	1969					100	NO	5	
WP2840764	OVERLOOK LA NE	CI	8	40	1969					100	NO	5	
WP2840765	OVERLOOK LA NE	CI	8	20	1971					100	NO	5	
WP2840766	OVERLOOK LA NE	CI	8	20	1971					100	NO	5	
WP2840767	WESTWOOD DR NE	CI	8	585	1971					100	NO	5	
WP2840768	WESTWOOD DR NE	CI	4	20	1971					100	NO	5	
WP2840769	LUPINE DEN DR	DI	8	20	1996					75	NO	5	
WP2840770	LUPINE DEN DR	DI	6	66	1985					75	NO	5	
WP2840771	LUPINE DEN DR	DI	6	20	1996					75	NO	5	
WP2840772	DREVLAIN DR	DI	8	20	1996					75	NO	5	
WP2840773	DREVLAIN DR	DI	8	20	1996					75	NO	5	
WP2840774	DREVLAIN DR	DI	8	20	1996					75	NO	5	
WP2840775	DREVLAIN DR	DI	6	292	1996					75	NO	5	
WP2840776	LUPINE DEN DR	DI	8	20	1985					75	NO	5	
WP2840777	TEETS LA	CI	8	780	1952					100	NO	5	
WP2840778	LUPINE DEN DR	DI	8	20	1985					75	NO	5	
WP2840779	IRVINST	CI	8	20	1966					100	NO	5	
WP2840780	IRVINST	CI	8	416	1966					100	NO	5	
WP2840781	IRVINST	CI	8	506	1966					100	NO	5	
WP2840782	IRVINST	CI	8	20	1966					100	NO	5	
WP2840783	AVIS CT	CI	8	20	1975					100	NO	5	
WP2840784	WESTWOOD DR NE	CI	8	345	1971					100	NO	5	
WP2840785	WESTWOOD DR NE	CI	8	156	1975					100	NO	5	
WP2840786	WESTWOOD DR NE	CI	8	20	1971					100	NO	5	
WP2840787	WESTWOOD DR NE	CI	8	20	1971					100	NO	5	
WP2840788	WOODNOR DR NE	CI	6	40	1965					100	NO	5	
WP2840789	WOODNOR DR NE	CI	6	20	1965					100	NO	5	
WP2840790	DEVONSHIRE DR NE	CI	4	307	1971					100	NO	5	



Pipe ID	Street Name	Material	Size	Length	Year of Street Construction	# Breaks	Dirty Water Complaint	Rehabilitation Year	Rehabilitation Method	Historic Action	Service Life	Exceeded Service Life Condition
WP2840843	WOODNOR DR NE	CI	6	458	1975					100	NO	5
WP2840843	CREEK CROSSING RD	DI	6	20	1980					75	NO	5
WP2840844	CREEK CROSSING RD	CI	6	20	1975					100	NO	5
WP2840845	CREEK CROSSING RD	CI	8	20	1975					100	NO	5
WP2840846	COUNTRY CLUB DR NE	DI	6	20	1979					75	NO	5
WP2840847	COUNTRY CLUB DR NE	CI	6	347	1975					100	NO	5
WP2840848	COUNTRY CLUB DR NE	DI	6	634	1979					75	NO	2A
WP2840849	COUNTRY CLUB DR NE	DI	6	20	1979					75	NO	5
WP2840850	CREEK CROSSING RD	CI	6	44	1973					100	NO	5
WP2840851	CREEK CROSSING RD	CI	6	20	1973					100	NO	5
WP2840852	CREEK CROSSING RD	CI	8	20	1975					100	NO	5
WP2840853	CREEK CROSSING RD	CI	8	59	1975					100	NO	5
WP2840854	CREEK CROSSING RD	DI	6	20	1980					75	NO	5
WP2840855	CREEK CROSSING RD	DI	8	20	1980					75	NO	5
WP2840856	CREEK CROSSING RD	DI	6	20	1980					75	NO	5
WP2840857	CREEK CROSSING RD	DI	6	20	1980					75	NO	5
WP2840858	MILLER LA	CI	8	455	1973					100	NO	5
WP2840859	MILLER LA	CI	6	20	1973					100	NO	5
WP2840860	MILLER LA	CI	6	40	1973					100	NO	5
WP2840861	MILLER LA	CI	6	20	1970					100	NO	5
WP2840862	KILDOWNET CT	CI	4	20	1970					100	NO	5
WP2840863	MILLER LA	CI	8	20	1973					100	NO	5
WP2840864	MILLER LA	CI	6	20	1970					100	NO	5
WP2840865	MILLER LA	CI	6	20	1970					100	NO	5
WP2840866	KILDOWNET CT	CI	4	181	1970					100	NO	5
WP2840867	KILDOWNET CT	CI	4	20	1970					100	NO	5
WP2840868	MILLER LA	CI	8	176	1973					100	NO	5
WP2840869	MILLER LA	CI	6	20	1973					100	NO	5
WP2840870	MILLER LA	DI	8	20	1977					75	NO	5
WP2840871	MILLER LA	DI	8	40	1977					75	NO	5
WP2840872	CLOVELLY CT	DI	4	20	1977					75	NO	5
WP2840873	MILLER LA	DI	4	20	1977					75	NO	5
WP2840874	CLOVELLY CT	DI	4	20	1977					75	NO	5
WP2840875	MILLER LA	CI	8	20	1973					100	NO	5
WP2840876	MILLER LA	CI	8	20	1973					100	NO	5
WP2840877	MILLER LA	CI	6	100	1973					100	NO	5
WP2840878	DREWLAINNE DR	DI	8	20	1996					75	NO	5
WP2840879	DREWLAINNE DR	DI	8	20	1996					75	NO	5
WP2840880	MILLER LA	DI	8	231	1977					75	NO	5
WP2840881	MILLER LA	CI	8	80	1973					100	NO	5
WP2840882	DREWLAINNE DR	DI	8	20	1996					75	NO	5
WP2840883	DREWLAINNE DR	DI	8	575	1996					100	NO	5
WP2840884	DREWLAINNE DR	DI	8	20	1996					75	NO	5
WP2840885	CREEK CROSSING RD	DI	8	432	1980					100	NO	5
WP2840886	CREEK CROSSING RD	CI	16	20	1975					100	NO	5
WP2840887	CREEK CROSSING RD	CI	16	20	1975					100	NO	5
WP2840888	WESTERHOLME WY	CI	16	20	1968					100	NO	5
WP2840889	WESTERHOLME WY	CI	16	40	1968					100	NO	5
WP2840890	CREEK CROSSING RD	CI	8	387	1975					100	NO	3A
WP2840891	WESTERHOLME WY	CI	8	20	1975					100	NO	5

Pipe ID	Street Name	Material	Size	Length	Year of Street Construction	# Breaks	Dirty Water Complaint	Rehabilitation Year	Rehabilitation Method	Historic Action	Service Life	Exceeded Service Life	Condition
WP2840942	OLD COURTHOUSE RD	DI	8	378	1978					75	NO	5	
WP2840943	OLD COURTHOUSE RD	DI	8	20	1978					75	NO	5	
WP2840944	OLD COURTHOUSE RD	DI	8	20	1978					75	NO	5	
WP2840945	OLD COURTHOUSE RD	DI	8	375	1978					75	NO	5	
WP2840946	OLD COURTHOUSE RD	DI	8	100	1978					75	NO	5	
WP2840947	OLD COURTHOUSE RD	DI	8	20	1978					75	NO	5	
WP2840948	WESTERHOLME WY	CL	6	20	1968					100	NO	5	
WP2840949	WESTERHOLME WY	CL	16	436	1968					100	NO	5	
WP2840950	KILLARNEY CT	CL	16	20	1968					100	NO	5	
WP2840951	KILLARNEY CT	CL	4	44	1968					100	NO	5	
WP2840952	KILLARNEY CT	CL	4	20	1968					100	NO	3A	
WP2840953	KILLARNEY CT	CL	16	244	1968					100	NO	5	
WP2840954	WESTERHOLME WY	CL	6	357	1968					100	NO	3A	
WP2840955	KILLARNEY CT	CL	6	20	1968					100	NO	5	
WP2840956	KILLARNEY CT	CL	6	20	1968					100	NO	5	
WP2840957	KILLARNEY CT	CL	16	20	1968					100	NO	5	
WP2840958	KILLARNEY CT	CL	6	20	1968					100	NO	5	
WP2840959	KILLARNEY CT	CL	6	20	1968					100	NO	5	
WP2840960	WEXFORD DR	DI	6	20	1980					100	NO	5	
WP2840961	WEXFORD DR	DI	6	20	1980					75	NO	5	
WP2840962	WEXFORD DR	DI	6	20	1980					75	NO	5	
WP2840963	WEXFORD DR	DI	6	89	1980					75	NO	5	
WP2840964	WEXFORD DR	DI	6	39	1980					75	NO	5	
WP2840965	WEXFORD DR	DI	6	20	1980					75	NO	5	
WP2840966	WEXFORD DR	DI	6	20	1980					75	NO	5	
WP2840967	WEXFORD WY	DI	6	161	1980					75	NO	5	
WP2840968	WEXFORD WY	DI	6	20	1980					75	NO	5	
WP2840969	LOCKERBIE LA	CL	6	20	1968					100	NO	5	
WP2840970	LOCKERBIE LA	CL	6	443	1968					100	NO	5	
WP2840971	LOCKERBIE LA	CL	6	20	1968					100	NO	5	
WP2840972	LOCKERBIE LA	CL	6	20	1968					75	NO	5	
WP2840973	LOCKERBIE LA	CL	6	20	1968					75	NO	5	
WP2840974	LOCKERBIE LA	CL	6	20	1968					100	NO	5	
WP2840975	LOCKERBIE LA	CL	6	20	1968					100	NO	5	
WP2840976	LOCKERBIE LA	CL	6	296	1968					100	NO	5	
WP2840977	LOCKERBIE LA	CL	6	316	1968					100	NO	5	
WP2840978	RIDGE LA	DI	6	322	1980					75	NO	5	
WP2840979	RIDGE LA	DI	6	371	1980					75	NO	5	
WP2840980	SUNNY CREEK CV	DI	4	20	1980					75	NO	5	
WP2840981	SUNNY CREEK CV	DI	4	20	1991					75	NO	5	
WP2840982	SUNNY CREEK CV	DI	4	180	1991					75	NO	5	
WP2840983	SUNNY CREEK CV	DI	4	193	1980					75	NO	5	
WP2840984	SUNNY CREEK CV	DI	4	20	1991					75	NO	5	
WP2840985	SUNNY CREEK CV	DI	4	20	1991					75	NO	5	
WP2840986	FOXSTONE DR	CL	6	20	1969					100	NO	5	
WP2840987	FOXSTONE DR	CL	6	20	1969					100	NO	5	
WP2840988	FOXSTONE DR	CL	6	20	1969					100	NO	5	
WP2840989	FOXSTONE DR	CL	6	20	1980					75	NO	5	
WP2840990	FOXSTONE DR	CL	6	239	1969					100	NO	5	
WP2840991	FOXSTONE DR	CL	6	20	1969					100	NO	5	



Pipe ID	Street Name	Material	Size	Length	Year of Street Construction	# Breaks	Dirty Water Complaint	Rehabilitation Year	Rehabilitation Method	Historic Action	Service Life	Exceeded Service Life Condition
WP2845732	AVIS CT	DI	8	20	1994					75	NO	5
WP2845733	AVIS CT	DI	8	20	1994					75	NO	5
WP2845734	RIDGE LA	DI	6	251	1980					75	NO	5
WP2845735	RIDGE LA	DI	6	171	1980					75	NO	5
WP2845736	RIDGE LA	DI	6	20	1980					75	NO	5
WP2845737	RIDGE LA	DI	6	20	1980					75	NO	5
WP2845738	OLD COURTHOUSE RD	DI	8	20	1978					75	NO	5
WP2845739	JOHN MARSHALL DR	CL	6	20	1968					100	NO	5
WP2845751	LUPINE DEN CT	DI	6	366	1985					75	NO	5
WP2845752	LUPINE DEN CT	DI	6	20	1985					75	NO	5
WP2845753	DEVONSHIRE DR NE	CL	4	258	1965					100	NO	5
WP2845774	CREEK CROSSING RD	DI	8	234	1980					75	NO	5
WP2845775	CREEK CROSSING RD	CL	8	164	1975					100	NO	5
WP2845776	CREEK CROSSING RD	CL	8	20	1975					100	NO	5
WP2845777	CREEK CROSSING RD	DI	8	70	1980					75	NO	5
WP2845778	AVIS CT	DI	8	20	1994					75	NO	5
WP2845779	CREEK CROSSING RD	DI	8	294	1980					75	NO	5
WP2845780	AVIS CT	DI	8	20	1994					75	NO	5
WP2845781	CREEK CROSSING RD	DI	8	268	1994					75	NO	5
WP2845782	OLD COURTHOUSE RD	DI	8	169	1996					75	NO	5
WP2845783	DREWLAINE DR	DI	8	278	1996					75	NO	5
WP2845784	OLD COURTHOUSE RD	DI	8	20	1996					75	NO	5
WP2845785	DREWLAINE DR	DI	8	76	1978					75	NO	5
WP2845786	OLD COURTHOUSE RD	DI	8	20	1978					75	NO	5
WP2845787	HURSLEY CT	DI	8	539	1980					75	NO	5
WP2845788	ABBOTSFORD DR	CL	16	71	1969					100	NO	5
WP2846064	ARABIAN AV	CL	8	380	1970					100	NO	5
WP2846065	DREWLAINE DR	DI	8	198	1996					75	NO	5
WP2846077	OLD COURTHOUSE RD	DI	16	369	1978					75	NO	5
WP2846078	MILLER LA	CL	16	860	1973					100	NO	5
WP2846079	KILLARNEY CT	CL	16	20	1968					100	NO	5
WP2846080	KILLARNEY CT	CL	16	464	1968					75	NO	5
WP2930499	AMBERWOOD MANOR CT	DI	12	199	1978					75	NO	5
WP2930500	AMBERWOOD MANOR CT	DI	12	176	1978					75	NO	5
WP2930501	OLD COURT HOUSE RD NE	CL	8	20	1971					100	NO	5
WP2930502	OLD COURT HOUSE RD NE	DI	8	39	1982					75	NO	5
WP2930503	OLD COURT HOUSE RD NE	DI	4	20	1982					75	NO	5
WP2930504	WESTBRIAR CT NE	DI	4	20	1982					100	NO	5
WP2930505	WESTBRIAR CT NE	DI	8	20	1982					100	NO	5
WP2930506	WESTBRIAR CT NE	DI	8	39	1982					100	NO	5
WP2930507	WESTBRIAR CT NE	DI	4	20	1982					100	NO	5
WP2930508	HIGDON DR	CL	8	20	1952					100	NO	5
WP2930509	HIGDON DR	CL	6	20	1952					100	NO	5
WP2930510	HIGDON DR	CL	8	377	1952					100	NO	3A
WP2930511	HIGDON DR	CL	6	20	1952					100	NO	5
WP2930512	HIGDON DR	CL	8	20	1952					100	NO	5
WP2930513	HIGDON DR	CL	8	20	1952					100	NO	5
WP2930514	HIGDON DR	CL	8	20	1952					100	NO	5
WP2930515	HIGDON DR	CL	8	50	1952					100	NO	5
WP2930516	HIGDON DR	CL	8	40	1952					100	NO	5



Water Pipe Inventory

4/27/2011

Pipe ID	Street Name	Material	Size	Length	Year of Street Construction	# Breaks	Dirty Water Complaint	Rehabilitation Year	Rehabilitation Method	Historic Action	Service Life	Exceeded Service Life Condition
WP2930567	FAIRWAY DR NE	Cl	6	365	1971					100	NO	5
WP2930568	COURSE ST NE	Cl	6	20	1965					100	NO	5
WP2930569	COURSE ST NE	Cl	6	197	1965					100	NO	5
WP2930570	COURSE ST NE	Cl	6	20	1965					100	NO	5
WP2930571	COURSE ST NE	Cl	6	257	1965					100	NO	5
WP2930572	OLD COURTHOUSE RD	Cl	6	20	1965					100	NO	5
WP2930573	OLD COURTHOUSE RD	Di	8	369	1978					75	NO	5
WP2930574	OLD COURTHOUSE RD	Cl	8	20	1965					100	NO	5
WP2930575	PINE VALLEY DR	Cl	8	20	1965					100	NO	5
WP2930576	PINE VALLEY DR	Cl	8	373	1966					100	NO	5
WP2930577	PINE VALLEY DR	Cl	8	20	1965					100	NO	5
WP2930578	PINE VALLEY DR	Cl	4	20	1966					100	NO	5
WP2930579	SOUTHERN PINES CT	Cl	4	243	1966					100	NO	3A
WP2930580	PINE VALLEY DR	Cl	8	20	1965					100	NO	5
WP2930581	PINE VALLEY DR	Cl	8	20	1965					100	NO	5
WP2930582	PINE VALLEY DR	Cl	8	360	1965					100	NO	5
WP2930583	PINE VALLEY DR	Cl	8	267	1965					100	NO	5
WP2930584	PINE VALLEY DR	Cl	8	20	1965					100	NO	5
WP2930585	PINE VALLEY DR	Cl	6	20	1965					100	NO	5
WP2930586	PINE VALLEY DR	Cl	8	20	1965					100	NO	5
WP2930587	PINE VALLEY DR	Cl	8	20	1965					100	NO	5
WP2930588	BURNING TREE DR	Cl	6	20	1965					100	NO	5
WP2930589	BURNING TREE DR	Cl	6	20	1965					100	NO	5
WP2930590	BURNING TREE DR	Cl	6	20	1965					100	NO	5
WP2930591	BURNING TREE DR	Cl	6	375	1971					100	NO	5
WP2930592	BURNING TREE DR	Cl	4	20	1965					100	NO	5
WP2930593	BURNING TREE DR	Cl	4	272	1965					100	NO	5
WP2930594	BURNING TREE DR	Cl	4	50	1965					100	NO	5
WP2930595	BURNING TREE DR	Cl	4	20	1965					100	NO	5
WP2930596	BURNING TREE DR	Cl	6	377	1965					100	NO	5
WP2930597	PINE NEEDLES CT	Cl	6	20	1965					100	NO	5
WP2930598	BURNING TREE DR	Cl	6	630	1952					100	NO	5
WP2930599	PINE NEEDLES CT	Cl	6	20	1965					100	NO	5
WP2930600	PINE NEEDLES CT	Cl	6	102	1965					100	NO	5
WP2930601	PINE NEEDLES CT	Cl	6	20	1965					100	NO	5
WP2930602	PINE NEEDLES CT	Cl	6	20	1965					100	NO	5
WP2930603	PINE NEEDLES CT	Cl	6	20	1965					100	NO	5
WP2930604	PINE NEEDLES CT	Cl	6	20	1965					100	NO	5
WP2930607	WESTWOOD DR	Di	6	491	1978					75	NO	5
WP2930609	FAIRWAY DR NE	Cl	6	20	1971					100	NO	5
WP2930610	WESTWOOD DR	Cl	6	20	1971					100	NO	5
WP2930611	WESTWOOD DR	Cl	6	20	1971					100	NO	5
WP2930612	WESTWOOD DR	Cl	6	439	1965					100	NO	5
WP2930613	WESTWOOD DR	Cl	6	310	1971					100	NO	5A
WP2930614	THUNDERBIRD CT	Cl	4	20	1966					100	NO	5
WP2930615	TAMERISK CT	Cl	4	20	1966					100	NO	5
WP2930616	THUNDERBIRD CT	Cl	4	20	1966					100	NO	5
WP2930617	TAMERISK CT	Cl	4	204	1966					100	NO	5
WP2930618	THUNDERBIRD CT	Cl	4	171	1966					100	NO	5
WP2930619	THUNDERBIRD CT	Cl	4	20	1966					100	NO	5

Pipe ID	Street Name	Material	Size	Length	Year of Street Construction	# Breaks	Dirty Water Complaint	Rehabilitation Year	Rehabilitation Method	Historic Action	Service Life	Exceeded Service Life Condition
WP2931015	PINE VALLEY DR	CI	8	212	1965					100	NO	5
WP2931016	PINE VALLEY DR	CI	8	276	1965					100	NO	5
WP2931017	WESTBRIAR CT NE	DI	12	580	1982					75	NO	5
WP2931018	WESTBRIAR CT NE	DI	8	401	1982					75	NO	5
WP2931019	WESTBRIAR CT NE	DI	8	117	1982					75	NO	5
WP2931020	FAIRWAY DR NE	CI	6	708	1971	1				100	NO	5
WP2931084	PINE VALLEY DR	CI	8	338	1965					100	NO	5
WP2931086	PAISLEY BLUE CT	DI	6	20	1977					75	NO	5
WP2931091	WESTBRIAR DR NE	CI	8	690	1971	1				100	NO	3A
WP2935693	OLD COURT HOUSE RD NE	CI	8	20	1971					100	NO	5
WP2935694	OLD COURT HOUSE RD NE	DI	8	20	1982					75	NO	5
WP2935695	OLD COURT HOUSE RD	CI	6	63	1971					100	NO	5
WP2935696	WESTBRIAR CT	DI	4	671	1982					75	NO	5
WP2935697	OLD COURT HOUSE RD	CI	4	20	1971					100	NO	5
WP2935698	OLD COURT HOUSE RD	CI	6	20	1971					100	NO	5
WP2935699	OLD COURTHOUSE RD	DI	6	20	1978					75	NO	5
WP2935700	OLD COURT HOUSE RD	CI	6	20	1971					100	NO	5
WP2935701	OLD COURTHOUSE RD	DI	6	20	1978					75	NO	5
WP2935702	OLD COURT HOUSE RD NE	CI	6	266	1971	1				100	NO	3A
WP2935703	OLD COURT HOUSE RD	CI	6	63	1971					100	NO	5
WP2935704	OLD COURT HOUSE RD NE	CI	6	40	1971					100	NO	5
WP2935706	OLD COURT HOUSE RD	CI	16	2126	1971					100	NO	5
WP2935708	OLD COURT HOUSE RD NE	CI	16	20	1971					100	NO	5
WP2935717	WESTBRIAR CT NE	DI	4	11	1982					75	NO	5
WP2935718	OLD COURT HOUSE RD NE	DI	4	6	1982					75	NO	5
WP2935719	OLD COURT HOUSE RD NE	CI	12	75	1971					100	NO	5
WP2935720	OLD COURT HOUSE RD NE	CI	12	75	1971					100	NO	5
WP2935755	CORAL GABLES LA	CI	6	20	1971					100	NO	5
WP2935756	CORAL GABLES LA	CI	6	68	1971					100	NO	5
WP2936066	PAISLEY BLUE CT	DI	6	123	1977					75	NO	5
WP2936081	AMBERWOOD MANOR CT	DI	12	89	1978					100	NO	5
WP2936082	WALL ST	CI	12	20	1972					100	NO	5
WP2936083	AMBERWOOD MANOR CT	DI	12	20	1978					75	NO	5
WP2936084	WESTBRIAR CT NE	DI	4	45	1982					75	NO	5
WP2936085	WESTBRIAR CT NE	DI	4	20	1982					75	NO	5
WP2936086	AMBERWOOD MANOR CT	DI	12	39	1978					75	NO	5
WP2936087	WESTBRIAR CT	DI	12	32	1982					75	NO	5
WP2936088	AMBERWOOD MANOR CT	DI	12	10	1978					75	NO	5
WP2936089	WESTBRIAR CT	DI	12	15	1982					75	NO	5
WP2936090	WESTBRIAR CT	DI	12	15	1982					75	NO	5
WP2936091	AMBERWOOD MANOR CT	DI	12	26	1978					75	NO	5
WP2936092	AMBERWOOD MANOR CT	DI	12	24	1978					75	NO	5
WP2936093	AMBERWOOD MANOR CT	DI	12	25	1978					75	NO	5
WP2936094	AMBERWOOD MANOR CT	DI	12	24	1978					75	NO	5
WP2936095	MCCHESENEY CT	CI	6	20	1969					100	NO	5
WP3722691	MCCHESENEY CT	CI	6	279	1969	1				100	NO	3A
WP3722692	MCCHESENEY CT	CI	6	20	1969					100	NO	5
WP3722693	MCCHESENEY CT	CI	6	20	1969					100	NO	5
WP3722694	MCCHESENEY CT	CI	6	20	1969					100	NO	5
WP3722695	MCCHESENEY CT	CI	6	36	1969					100	NO	5



Water Pipe Inventory

4/27/2011

Pipe ID	Street Name	Material	Size	Length	Year of Street Construction	# Breaks	Dirty Water Complaint	Rehabilitation Year	Rehabilitation Method	Historic Action	Service Life	Exceeded Service Life Condition
WP3811361	GLYNDON ST	CI	8	20	1935					100	NO	5
WP3811362	GLYNDON ST	CI	6	80	1935					100	NO	5
WP3811363	GLYNDON ST	CI	8	20	1935					100	NO	5
WP3811364	RIDGEWOOD CT	DI	8	723	1988					75	NO	5
WP3811365	GLYNDON ST	CI	8	20	1935					100	NO	5
WP3811366	GLYNDON ST	CI	8	324	1935					100	NO	5
WP3811393	LAWYERS RD NW	CI	8	20	1958					100	NO	5
WP3811394	WINDOVER AV NW	CI	8	389	1959					100	NO	2A
WP3811397	LAWYERS RD NW	CI	8	20	1958					100	NO	5
WP3811398	LAWYERS RD NW	CI	8	285	1963					100	NO	5
WP3812708	GARRETT ST	CI	8	20	1969					100	NO	5
WP3812709	GARRETT ST	CI	4	20	1969					100	NO	5
WP3812710	GARRETT ST	CI	8	18	1969					100	NO	5
WP3812711	TARTAN CT	CI	8	20	1969					100	NO	5
WP3812712	GARRETT ST	CI	8	20	1969					100	NO	5
WP3812713	STEEPLE RN	CI	4	20	1969					100	NO	5
WP3812714	STEEPLE RN	CI	4	20	1969					100	NO	5
WP3812715	STEEPLE RN	CI	4	20	1969					100	NO	5
WP3812716	STEEPLE RN	CI	8	20	1969					100	NO	5
WP3812717	STEEPLE RN	CI	4	20	1969					100	NO	5
WP3812718	GARRETT ST	CI	8	261	1969					100	NO	5
WP3812719	TARTAN CT	CI	4	299	1969					100	NO	5
WP3812720	TARTAN CT	CI	4	20	1969					100	NO	5
WP3812721	GARRETT ST	CI	6	20	1969					100	NO	5
WP3812722	GARRETT ST	CI	6	20	1969					100	NO	5
WP3812723	GARRETT ST	CI	6	30	1969					100	NO	5
WP3812724	GARRETT ST	CI	6	20	1969					100	NO	5
WP3812725	GARRETT ST	CI	6	20	1969					100	NO	5
WP3812726	GARRETT ST	CI	8	20	1969					100	NO	5
WP3812727	LAWYERS RD	CI	12	20	1969					100	NO	5
WP3812728	GARRETT ST	CI	8	20	1969					100	NO	5
WP3812729	GARRETT ST	CI	8	20	1969					100	NO	5
WP3812730	GARRETT ST	CI	8	40	1969					100	NO	5
WP3812731	LAWYERS RD	CI	8	20	1958					100	NO	5
WP3812732	LAWYERS RD	CI	12	266	1958					100	NO	5
WP3812733	HELMWOOD CT	CI	6	20	1952					100	NO	5
WP3812734	HELMWOOD CT	CI	8	20	1952					100	NO	5
WP3812735	HELMWOOD CT	CI	8	20	1952					100	NO	5
WP3812736	HELMWOOD CT	CI	8	20	1952					100	NO	5
WP3812737	HELMWOOD CT	CI	8	20	1958					100	NO	5
WP3812738	HELMWOOD CT	CI	6	142	1952					100	NO	5
WP3812739	POST RD	CI	6	183	1973					100	NO	5
WP3812740	POST RD	CI	8	20	1973					100	NO	5
WP3812741	POST RD	CI	8	20	1973					100	NO	5
WP3812742	POST RD	CI	8	20	1973					100	NO	5
WP3812743	POST RD	CI	8	20	1973					100	NO	5
WP3812744	POST RD	CI	6	20	1974					100	NO	5
WP3812745	POST RD	CI	6	20	1974					100	NO	5
WP3812746	POST RD	CI	6	56	1973					100	NO	5
WP3812747	BRIDLERIDGE CT	CI	6	20	1974					100	NO	5



Water Pipe Inventory

4/27/2011

Pipe ID	Street Name	Material	Size	Length	Year of Street Construction	# Breaks	Dirty Water Complaint	Rehabilitation Year	Rehabilitation Method	Historic Action	Service Life	Exceeded Service Life Condition
WP3812798	KEDGE CT	DI	6	200	1978						75	NO
WP3812799	KEDGE CT	DI	6	12	1978						75	NO
WP3812800	KEDGE CT	DI	6	20	1978						75	NO
WP3812801	MEADOW VALLEY DR	CI	8	20	1972						100	NO
WP3812802	MEADOW VALLEY DR	CI	8	20	1972						100	NO
WP3812803	KEDGE DR	DI	8	29	1978						75	NO
WP3812804	KEDGE DR	DI	8	29	1978						75	NO
WP3812805	KEDGE DR	DI	8	82	1978						75	NO
WP3812806	KEDGE DR	DI	8	453	1978						75	NO
WP3812807	MEADOW VALLEY DR	CI	8	20	1972						100	NO
WP3812808	MEADOW VALLEY DR	DI	8	20	1978						75	NO
WP3812809	MEADOW VALLEY DR	CI	8	20	1972						100	NO
WP3812810	MEADOW VALLEY DR	CI	8	20	1972						100	NO
WP3812811	MEADOW VALLEY DR	CI	8	20	1972						100	NO
WP3812812	LAWYERS RD	CI	8	20	1958						100	NO
WP3812813	MEADOW VALLEY DR	CI	8	20	1972						100	NO
WP3812814	KEDGE DR	DI	8	20	1978						75	NO
WP3812815	KEDGE DR	DI	8	20	1978						75	NO
WP3812816	KEDGE DR	CI	8	428	1972						100	NO
WP3812817	BRIDLERIDGE CT	CI	8	221	1974						100	NO
WP3812818	BRIDLERIDGE CT	CI	8	350	1974						100	NO
WP3812819	MEADOW KNOB CT	CI	6	191	1972						100	NO
WP3812820	MEADOW KNOB CT	CI	6	102	1973						100	NO
WP3812821	GUNNELL FARMS DR	CI	6	124	1972						100	NO
WP3812822	GUNNELL FARMS DR	CI	6	93	1972						100	NO
WP3812823	MEADOW VALLEY DR	CI	8	365	1972						100	NO
WP3812824	MEADOW VALLEY DR	CI	8	158	1972						100	NO
WP3812825	LAWYERS RD	CI	8	20	1958						100	NO
WP3812826	LAWYERS RD	CI	12	20	1958						100	NO
WP3812827	LAWYERS RD	CI	8	44	1969						100	NO
WP3812828	LAWYERS RD	CI	8	44	1969						100	NO
WP3812829	LAWYERS RD	CI	8	35	1969						100	NO
WP3812830	LOCH LOMOND DR	CI	8	20	1969						100	NO
WP3812831	LOCH LOMOND DR	CI	6	20	1969						100	NO
WP3812832	LOCH LOMOND DR	CI	8	20	1969						100	NO
WP3812833	FIRTH CT	CI	4	20	1969						100	NO
WP3812834	CLYDE CT	CI	4	20	1969						100	NO
WP3812835	CLYDE CT	CI	4	20	1969						100	NO
WP3812836	CLYDE CT	CI	4	20	1969						100	NO
WP3812837	FIRTH CT	CI	4	123	1969						100	NO
WP3812838	CLYDE CT	CI	4	20	1969						100	NO
WP3812839	CLYDE CT	CI	4	20	1969						100	NO
WP3812840	CARMICHAEL DR	CI	4	20	1969						100	NO
WP3812841	CARMICHAEL DR	CI	4	20	1969						100	NO
WP3812842	CARMICHAEL DR	CI	8	20	1969						100	NO
WP3812843	CARMICHAEL DR	CI	8	23	1970						100	NO
WP3812844	CARMICHAEL DR	CI	8	20	1970						100	NO
WP3812845	CLYDE CT	CI	8	20	1969						100	NO
WP3812846	FIRTH CT	CI	8	20	1969						100	NO
WP3812847	CLYDE CT	CI	8	49	1969						100	NO



Pipe ID	Street Name	Material	Size	Length	Year of Street Construction	# Breaks	Dirty Water Complaint	Rehabilitation Year	Rehabilitation Method	Historic Action	Service Life	Exceeded Service Life Condition
WP3812898	VERDICT DR	CI	8	20	1969					100	NO	5
WP3812899	VERDICT DR	CI	4	20	1969					100	NO	5
WP3812900	CENTER ST	CI	4	251	1969					100	NO	5
WP3812901	ABBOTSFORD DR	CI	8	20	1969					100	NO	5
WP3812902	ABBOTSFORD DR	CI	8	20	1969					100	NO	5
WP3812903	LABRADOR LA	CI	16	771	1973					100	NO	5
WP3812904	DOCKET LA	CI	4	20	1969					100	NO	5
WP3812905	STATUTE LA	CI	6	20	1969					100	NO	5
WP3812906	JUDGE CT	CI	6	20	1969					100	NO	5
WP3812907	STATUTE LA	CI	4	20	1969					100	NO	5
WP3812908	JUDGE CT	CI	4	244	1969					100	NO	5
WP3812909	STATUTE LA	CI	6	24	1969					100	NO	5
WP3812910	STATUTE LA	CI	6	20	1969					100	NO	5
WP3812911	CENTER ST	CI	8	20	1966					100	NO	5
WP3812912	ABBOTSFORD DR	CI	4	20	1969					100	NO	5
WP3812913	ABBOTSFORD DR	CI	4	20	1969					100	NO	5
WP3812914	ABBOTSFORD DR	CI	4	20	1969					100	NO	5
WP3812915	ABBOTSFORD DR	CI	4	66	1969					100	NO	5
WP3812916	LABRADOR LA	CI	16	581	1973					100	NO	5
WP3812917	PODIUM DR	CI	6	20	1970					100	NO	5
WP3812918	CANTATA CT	CI	6	20	1970					100	NO	5
WP3812919	PODIUM DR	CI	6	20	1970					100	NO	5
WP3812920	PODIUM DR	CI	6	39	1971					100	NO	5
WP3812921	PODIUM DR	CI	6	20	1971					100	NO	5
WP3812922	PODIUM DR	CI	4	20	1970					100	NO	5
WP3812923	PODIUM DR	CI	4	20	1970					100	NO	5
WP3812924	PODIUM DR	CI	4	429	1970	2				100	NO	2A
WP3812925	CANTATA CT	CI	4	20	1971					100	NO	5
WP3812926	CENTER ST	CI	8	281	1969	1				100	NO	3A
WP3812927	ABBOTSFORD DR	CI	8	20	1969					100	NO	5
WP3812928	ABBOTSFORD DR	CI	8	20	1969					100	NO	5
WP3812929	ABBOTSFORD DR	CI	16	590	1969					100	NO	5
WP3812930	ABBOTSFORD DR	CI	16	20	1969					100	NO	5
WP3812931	CENTER ST	CI	8	191	1966					100	NO	5
WP3812932	ABBOTSFORD DR	CI	16	20	1966					100	NO	5
WP3812933	ABBOTSFORD DR	CI	16	509	1966					100	NO	5
WP3812934	ABBOTSFORD DR	CI	16	20	1969					100	NO	5
WP3812935	CLIENT DR	CI	16	152	1969					100	NO	5
WP3812936	CLIENT DR	CI	16	20	1969					100	NO	5
WP3812937	STATUTE LA	CI	6	322	1969					100	NO	5
WP3812938	SHERIFF CT	CI	6	25	1969					100	NO	5
WP3812939	SHERIFF CT	CI	6	20	1969					100	NO	5
WP3812940	CENTER ST	CI	6	20	1966					100	NO	5
WP3812941	CENTER ST	CI	8	20	1966					100	NO	5
WP3812942	SHERIFF CT	CI	4	20	1969					100	NO	5
WP3812943	CENTER ST	CI	8	20	1966					100	NO	5
WP3812944	CENTER ST	CI	8	20	1966					100	NO	5
WP3812945	CENTER ST	CI	8	150	1966					100	NO	5
WP3812946	CENTER ST	CI	8	225	1966					100	NO	5
WP3812947	CENTER ST	CI	6	20	1966					100	NO	5



Pipe ID	Street Name	Material	Size	Length	Year of Street Construction	# Breaks	Dirty Water Complaint	Rehabilitation Year	Rehabilitation Method	Action	Service Life	Exceeded Service Life Condition
WP3812998	BRENTWOOD CT NW	DI	6	20	1979					75	NO	5
WP3812999	BRENTWOOD CT NW	DI	6	194	1993					75	NO	5
WP3813000	BLAIR CT NW	DI	6	153	1979					100	NO	5
WP3813001	LAWYERS RD NW	CI	8	20	1958					100	NO	5
WP3813002	LAWYERS RD NW	CI	12	135	1958					100	NO	5
WP3813003	LAWYERS RD	CI	12	441	1958					100	NO	5
WP3813004	WITNESS CT NW	CI	4	20	1969					100	NO	5
WP3813005	WITNESS CT NW	CI	6	20	1969					100	NO	5
WP3813006	WITNESS CT NW	CI	4	125	1969					100	NO	5
WP3813007	COUNSELLOR DR NW	CI	6	20	1969					100	NO	5
WP3813008	COUNSELLOR DR NW	CI	6	20	1969					100	NO	5
WP3813009	COUNSELLOR DR NW	CI	4	20	1969					100	NO	5
WP3813010	COUNSELLOR DR NW	CI	6	20	1969					100	NO	5
WP3813011	COUNSELLOR DR NW	CI	6	375	1969					100	NO	5
WP3813012	WITNESS CT NW	CI	6	20	1969					100	NO	5
WP3813013	COUNSELLOR DR NW	CI	6	20	1969					100	NO	5
WP3813014	WITNESS CT NW	CI	6	51	1969					100	NO	5
WP3813015	RHAPSODY DR	CI	6	20	1972					100	NO	5
WP3813016	RHAPSODY DR	CI	12	20	1969					100	NO	5
WP3813017	RHAPSODY DR	CI	12	20	1969					100	NO	5
WP3813018	RHAPSODY DR	CI	6	20	1969					100	NO	5
WP3813019	CONCERT CT	CI	6	20	1972					100	NO	5
WP3813020	CONCERT CT	CI	6	20	1972					100	NO	5
WP3813021	CONCERT CT	CI	6	20	1972					100	NO	5
WP3813022	CONCERT CT	CI	6	31	1972					100	NO	5
WP3813023	CONCERT CT	CI	6	58	1972					100	NO	5
WP3813024	ABBOTSFORD DR	CI	12	20	1969					100	NO	5
WP3813025	ABBOTSFORD DR	CI	12	24	1969					100	NO	5
WP3813026	CONCERT CT	CI	6	20	1972					100	NO	5
WP3813027	CONCERT CT	CI	6	20	1972					100	NO	5
WP3813028	CONCERT CT	CI	6	287	1972					100	NO	5
WP3813029	CONCERT CT	CI	6	384	1972					100	NO	5
WP3813030	ABBOTSFORD DR	CI	12	56	1969					100	NO	5
WP3813031	BLAIR RD NW	DI	6	20	1979					75	NO	5
WP3813032	BLAIR RD NW	DI	6	20	1979					75	NO	5
WP3813033	BLAIR RD NW	DI	6	20	1979					100	NO	5
WP3813034	BRUTON PL NW	CI	6	20	1971					100	NO	5
WP3813035	BLAIR RD NW	DI	6	20	1979					75	NO	5
WP3813036	BLAIR RD NW	DI	6	20	1979					75	NO	5
WP3813037	BLAIR RD NW	CI	6	20	1971					100	NO	5
WP3813038	BRUTON PL NW	CI	6	166	1971					75	NO	5
WP3813039	BLAIR RD NW	DI	6	20	1979					75	NO	5
WP3813040	BLAIR RD NW	DI	6	20	1979					75	NO	5
WP3813041	BLAIR RD NW	DI	6	20	1979					75	NO	5
WP3813042	BLAIR RD NW	CI	6	94	1979					75	NO	3A
WP3813043	BLAIR RD NW	DI	6	56	1971					100	NO	5
WP3813044	BLAIR RD NW	DI	6	20	1979					75	NO	5
WP3813045	BLAIR RD NW	DI	6	77	1979					75	NO	5
WP3813046	LINCOLN ST NW	DI	6	20	1979					75	NO	5
WP3813047	LINCOLN ST NW	DI	6	20	1978					75	NO	5
										1		



Pipe ID	Street Name	Material	Size	Length	Year of Street Construction	# Breaks	Dirty Water Complaint	Rehabilitation Year	Rehabilitation Method	Action	Service Life	Exceeded Service Life Condition
WP3813109	PRELUDE DR	CI	6	20	1970					100	NO	5
WP3813100	PRELUDE DR	CI	6	507						100	NO	5
WP3813101	PRELUDE DR	CI	6	169	1969					100	NO	5
WP3813102	NARRAGANSETT PL	CI	6	20	1968					100	NO	5
WP3813103	NARRAGANSETT PL	CI	6	323	1962					100	NO	5
WP3813104	UPHAM PL NW	CI	4	20	1958					100	NO	5
WP3813105	UPHAM PL	CI	4	148	1958					100	NO	5
WP3813106	UPHAM PL NW	CI	6	20	1958					100	NO	5
WP3813107	CENTER ST N	CI	6	20	1966					100	NO	5
WP3813108	CENTER ST	CI	6	487	1966					100	NO	5
WP3813109	CENTER ST	CI	8	425	1966					100	NO	5
WP3813110	CENTER ST N	CI	8	99	1970					100	NO	5
WP3813111	CENTER ST N	CI	8	20	1970					100	NO	5
WP3813112	CENTER ST N	CI	6	20	1970					100	NO	5
WP3813113	MILL ST	CI	6	125	1970					100	NO	5
WP3813114	CENTER ST N	CI	8	20	1966					100	NO	5
WP3813115	CENTER ST N	CI	8	20	1966					100	NO	5
WP3813116	CENTER ST N	CI	8	64	1966					100	NO	5
WP3813117	UPHAM PL NW	CI	6	20	1958					100	NO	5
WP3813118	UPHAM PL NW	CI	6	20	1958					100	NO	5
WP3813119	UPHAM PL NW	CI	6	32	1958					100	NO	5
WP3813120	UPHAM PL NW	CI	6	20	1958					100	NO	5
WP3813121	UPHAM PL NW	CI	6	20	1954					100	NO	5
WP3813122	UPHAM PL NW	CI	6	20	1954					100	NO	5
WP3813123	UPHAM PL NW	CI	6	41	1954					100	NO	5
WP3813124	HERITAGE LA NW	CI	6	20	1966					100	NO	5
WP3813125	HERITAGE LA NW	CI	6	20	1966					100	NO	5
WP3813126	HERITAGE LA NW	CI	6	391	1966					100	NO	5
WP3813127	UPHAM PL NW	CI	6	52	1958					100	NO	5
WP3813128	UPHAM PL NW	CI	6	20	1958					100	NO	5
WP3813129	UPHAM PL NW	CI	6	20	1958					100	NO	5
WP3813130	UPHAM PL NW	CI	6	40	1958					100	NO	5
WP3813131	COLONY CT NW	CI	6	20	1958					100	NO	5
WP3813132	UPHAM PL NW	CI	6	491	1958					100	NO	5
WP3813133	UPHAM PL NW	CI	6	204	1958					100	NO	5
WP3813134	HERITAGE LA NW	CI	6	435	1958					100	NO	5
WP3813135	UPHAM PL NW	CI	6	20	1958					100	NO	5
WP3813136	UPHAM PL NW	CI	6	20	1958					100	NO	5
WP3813137	UPHAM PL NW	CI	6	212	1954					100	NO	5
WP3813138	UPHAM PL NW	CI	6	237	1958					100	NO	5
WP3813139	SHEPHERDSON LA NE	DI	8	20	1999					75	NO	5
WP3813140	SHEPHERDSON LA NE	DI	8	20	1999					75	NO	5
WP3813141	SHEPHERDSON LA NE	DI	8	20	1999					75	NO	5
WP3813142	SHEPHERDSON LA NE	DI	8	20	1999					75	NO	5
WP3813143	SHEPHERDSON LA NE	DI	8	71	1999					75	NO	5
WP3813144	CENTER ST N	CI	8	20	1966					100	NO	5
WP3813145	CENTER ST N	CI	8	20	1966					100	NO	5
WP3813146	CENTER ST N	CI	8	192	1966					100	NO	5
WP3813147	CENTER ST N	CI	8	20	1966					100	NO	5
WP3813148	CENTER ST N	CI	8	360	1966					100	NO	5



Water Pipe Inventory

4/27/2011

Pipe ID	Street Name	Material	Size	Length	Year of Street Construction	# Breaks	Dirty Water Complaint	Rehabilitation Year	Rehabilitation Method	Historic Action	Service Life	Exceeded Service Life Condition
WP3813199	HELMWOOD CT	CI	8	20	1952					100	NO	5
WP3813200	HELMWOOD CT	CI	8	20	1952					100	NO	5
WP3813201	HELMWOOD CT	CI	8	300	1952					100	NO	5
WP3813202	LOCH LOMOND DR	CI	8	270	1969					100	NO	5
WP3813203	LOCH LOMOND DR	CI	8	20	1969					100	NO	5
WP3813204	FREDA DR	CI	6	20	1972					100	NO	5
WP3813205	SHERIFF CT	CI	4	20	1969					100	NO	5
WP3813206	SHERIFF CT	CI	4	292	1969					100	NO	3A
WP3813207	LAWYERS RD NW	CI	4	20	1958					100	NO	5
WP3813208	LEWIS ST NW	CI	6	458	1934					100	NO	5
WP3813210	CORSICA ST	CI	6	20	1971					100	NO	5
WP3813212	CORSICA ST	CI	6	542	1971					100	NO	5
WP3813248	STATUTE LA	CI	4	20	1969					100	NO	5
WP3813249	HOLMES DR NW	CI	6	20	1954					100	NO	5
WP3813250	ABBOTSFORD DR	CI	12	66	1969					100	NO	5
WP3813251	CORSICA ST	CI	3	167	1971					100	NO	5
WP3813253	HOLMES DR NW	CI	6	169	1954					100	NO	3A
WP3813254	HOLMES DR NW	CI	6	20	1954					100	NO	5
WP3813255	MEADOW VALLEY DR	CI	8	230	1972					100	NO	5
WP3813256	MEADOW VALLEY DR	DI	8	49	1978					75	NO	5
WP3813257	ABBOTSFORD DR	CI	12	20	1969					100	NO	5
WP3813258	MEADOW VALLEY DR	CI	8	91	1972					100	NO	5
WP3813259	ABBOTSFORD DR	CI	6	162	1969					100	NO	5
WP3813264	RIVIERA DR	CI	8	750	1970					100	NO	5
WP3813265	CORSICA ST	CI	6	981	1970					100	NO	5
WP3813266	RHAPSODY DR	CI	6	278	1969					100	NO	5
WP3813267	BLAIR RD NW	CI	6	288	1971					100	NO	3A
WP3813268	BLAIR RD NW	DI	6	384	1979					75	NO	3A
WP3813269	UPHAM PL NW	CI	6	174	1958					100	NO	5
WP3813270	COLINA LA NW	CI	6	391	1958					100	NO	3A
WP3813271	LAWYERS RD NW	CI	8	298	1958					100	NO	5
WP3813272	BLAIR CT NW	DI	6	140	1979					75	NO	5
WP3813273	COUNSELLOR DR NW	CI	6	239	1969					100	NO	5
WP3813274	COUNSELLOR DR NW	CI	4	371	1969					100	NO	2A
WP3813275	STATUTE LA	CI	4	362	1969					100	NO	5
WP3813276	ABBOTSFORD DR	CI	16	816	1969					100	NO	5
WP3813277	COUNSELLOR DR	DI	6	400	1999					75	NO	5
WP3813278	BONAVVENTURE DR	DI	6	334	1999					75	NO	5
WP3813279	LOCH LOMOND DR	CI	8	286	1970					100	NO	3A
WP3813280	MARCLIFF CT	CI	6	511	1970					100	NO	5
WP3813281	LAWYERS RD	CI	12	804	1958					100	NO	3A
WP3813282	KEDGE DR	CI	8	212	1958					100	NO	5
WP3813283	LAWYERS RD	CI	12	669	1958					100	NO	5
WP3813284	GUNNELL FARMS DR	CI	8	416	1972					100	NO	5
WP3813285	GARRETT ST	CI	8	400	1969					100	NO	5
WP3813286	GARRETT ST	CI	8	441	1969					100	NO	5
WP3813289	HELMWOOD CT	CI	8	489	1952					100	NO	5
WP3813290	MEADOW VALLEY DR	CI	6	369	1972					100	NO	5
WP3813291	GUNNELL FARMS DR	CI	8	367	1972					100	NO	5
WP3813292	BRIDLERIDGE CT	CI	6	285	1974					100	NO	5



Water Pipe Inventory

4/27/2011

Pipe ID	Street Name	Material	Size	Length	Year of Street Construction	# Breaks	Dirty Water Complaint	Rehabilitation Year	Rehabilitation Method	Historic Action	Service Life	Exceeded Service Life Condition
WP3821027	FAIRWAY DR NE	Cl	6	20	1971					100	NO	5
WP3821094	BRENNER CT	Cl	6	228	1970					100	NO	5
WP3821100	MCKINLEY ST	Cl	6	20	1964					100	NO	5
WP3821101	MCKINLEY ST	Cl	6	20	1964					100	NO	5
WP3821102	WAREHAM CT	Cl	6	41	1971					100	NO	5
WP3821103	WAREHAM CT	Cl	6	372	1974					100	NO	5
WP3821104	WAREHAM CT	Cl	6	20	1971					100	NO	5
WP3821105	WAREHAM CT	Cl	6	20	1971					100	NO	5
WP3821106	WAREHAM CT	Cl	6	20	1974					100	NO	5
WP3821107	WAREHAM CT	Cl	6	20	1974					100	NO	5
WP3821108	WAREHAM CT	Cl	6	25	1971					100	NO	5
WP3821109	WAREHAM CT	Cl	6	20	1971					100	NO	5
WP3821110	WAREHAM CT	Cl	6	20	1971					100	NO	5
WP3821111	SAYBROOK CT	Cl	6	105	1974					100	NO	5
WP3821112	SAYBROOK CT	Cl	6	20	1974					100	NO	5
WP3821113	WAREHAM CT	Cl	6	174	1971					100	NO	5
WP3821114	WAREHAM CT	Cl	6	20	1971					100	NO	5
WP3821115	MCKINLEY ST	Cl	6	20	1964					100	NO	5
WP3821116	MCKINLEY ST	Cl	6	20	1964					100	NO	5
WP3821117	MCKINLEY ST	Cl	6	20	1964					100	NO	5
WP3821118	MCKINLEY ST	Cl	6	283	1971					100	NO	5
WP3821119	MCKINLEY ST	Cl	6	20	1968					100	NO	5
WP3821120	MCKINLEY ST	Cl	6	20	1968					100	NO	5
WP3821121	MCKINLEY ST	Cl	6	57	1964					100	NO	5
WP3821125	ROCKPORT RD	Cl	6	466	1968					100	NO	5
WP3821126	JOHN MARSHALL DR NE	Cl	6	154	1964					100	NO	5
WP3821127	MCKINLEY ST NE	Cl	6	20	1964					100	NO	5
WP3821128	MCKINLEY ST NE	Cl	6	20	1968					100	NO	5
WP3821129	MCKINLEY ST NE	Cl	6	20	1968					100	NO	5
WP3821130	MCKINLEY ST NE	Cl	6	20	1968					100	NO	5
WP3821131	MCKINLEY ST NE	Cl	6	303	1964	1				100	NO	3A
WP3821140	MCKINLEY ST NE	Cl	6	199	1960					100	NO	5
WP3821141	MACARTHUR AV NE	Cl	6	20	1968					100	NO	5
WP3821142	MCKINLEY ST NE	Cl	6	25	1968					100	NO	5
WP3821143	MCKINLEY ST NE	Cl	6	20	1968					100	NO	5
WP3821144	MCKINLEY ST NE	Cl	6	20	1968					100	NO	5
WP3821145	MACARTHUR AV NE	Cl	6	20	1962					100	NO	5
WP3821146	JOHN MARSHALL DR NE	Cl	6	655	1962					100	NO	3A
WP3821147	MCKINLEY ST NE	Cl	6	438	1962					100	NO	5
WP3821148	MCKINLEY ST NE	Cl	6	20	1962					100	NO	5
WP3821149	MACARTHUR AV NE	Cl	6	20	1968					100	NO	5
WP3821150	MACARTHUR AV NE	Cl	6	41	1962					100	NO	5
WP3821151	GLYNDON ST NE	Cl	6	20	1962					100	NO	5
WP3821152	MACARTHUR AV NE	Cl	6	20	1962					100	NO	5
WP3821153	MACARTHUR AV NE	Cl	6	20	1968					100	NO	5
WP3821154	JOHN MARSHALL DR NE	Cl	6	462	1968					100	NO	2A
WP3821155	GLYNDON ST NE	Cl	6	20	1935					100	NO	5
WP3821160	ROOSEVELT CT NE	Cl	6	20	1962					100	NO	5
WP3821161	ROOSEVELT CT NE	Cl	6	256	1960					100	NO	5
WP3821162	SPRINGWOOD CT NE	Di	6	20	1989					75	NO	5



Pipe ID	Street Name	Material	Size	Length	Year of Street Construction	# Breaks	Complaint	Dirty Water	Rehabilitation Year	Rehabilitation Method	Historic Action	Service Life	Exceeded Service Life	Condition
WP3821213	BEULAH RD	DI	2	166	1988							75	NO	5
WP3821214	BEULAH RD NE	DI	6	20	1988							75	NO	5
WP3821215	BEULAH RD NE	DI	6	20	1988							75	NO	5
WP3821216	BEULAH RD NE	CI	6	81	1962							100	NO	5
WP3821217	BEULAH RD NE	DI	6	20	1988							75	NO	5
WP3821218	SIDELING CT NE	DI	4	20	1979							75	NO	5
WP3821219	SIDELING CT	DI	4	134	1979							75	NO	5
WP3821220	SIDELING CT	DI	4	20	1979							75	NO	5
WP3821221	BEULAH RD	DI	6	20	1988							75	NO	5
WP3821222	SIDELING CT NE	DI	6	113	1979							75	NO	5
WP3821223	SIDELING CT NE	DI	4	20	1979							75	NO	5
WP3821224	SIDELING CT NE	DI	4	20	1979							75	NO	5
WP3821225	SIDELING CT NE	DI	4	174	1979							75	NO	5
WP3821226	SIDELING CT NE	DI	4	20	1979							75	NO	5
WP3821227	BEULAH RD NE	DI	6	390	1988							75	NO	5
WP3821228	BEULAH RD NE	DI	6	193	1979							75	NO	5
WP3821229	BEULAH RD NE	DI	6	10	1988							75	NO	5
WP3821230	BEULAH RD NE	DI	6	10	1988							75	NO	5
WP3821232	BEULAH RD NE	DI	4	20	1979							75	NO	5
WP3821234	JOHN MARSHALL DR NE	DI	12	201	1968							100	NO	5
WP3821235	JOHN MARSHALL DR NE	DI	6	20	1968							100	NO	5
WP3821236	JOHN MARSHALL DR NE	DI	6	462	1968							100	NO	2A
WP3821237	BEULAH RD NE	DI	6	20	1968							100	NO	5
WP3821238	BEULAH RD NE	DI	12	223	1968							100	NO	5
WP3821239	JOHN MARSHALL DR	DI	6	20	1968							100	NO	5
WP3821240	JOHN MARSHALL DR	DI	6	20	1968							100	NO	5
WP3821241	JOHN MARSHALL DR	DI	6	20	1968							100	NO	5
WP3821242	BEULAH RD NE	DI	6	20	1988							75	NO	5
WP3821243	JOHN MARSHALL DR	DI	6	210	1968							100	NO	5
WP3821244	BEULAH RD	DI	6	264	1988							75	NO	5
WP3821245	JOHN MARSHALL DR	DI	6	20	1968							100	NO	5
WP3821246	JOHN MARSHALL DR	DI	6	20	1968							100	NO	5
WP3821247	BEULAH RD NE	DI	6	250	1988							75	NO	5
WP3821248	BEULAH RD NE	DI	12	40	1988							75	NO	5
WP3821249	CYNTHIA LA	DI	12	1722	1968							100	NO	5
WP3821250	DRUID HILL RD NE	DI	6	9	1988							75	NO	5
WP3821251	DRUID HILL RD NE	DI	6	20	1988							75	NO	5
WP3821252	DRUID HILL RD NE	DI	6	20	1988							75	NO	5
WP3821253	DRUID HILL RD NE	DI	6	12	1988							75	NO	5
WP3821254	BEULAH RD NE	DI	6	216	1965							100	NO	5
WP3821255	BEULAH RD NE	DI	6	20	1988							75	NO	5
WP3821256	BEULAH RD NE	DI	6	139	1988							75	NO	5
WP3821257	BEULAH RD NE	DI	6	178	1988							75	NO	5
WP3821258	BEULAH RD	DI	6	40	1988							75	NO	5
WP3821259	BEULAH RD	DI	6	261	1988							100	NO	5
WP3821260	BEULAH RD NE	DI	6	365	1960							75	NO	5
WP3821261	BEULAH RD NE	DI	6	84	1988							75	NO	5
WP3821262	BEULAH RD NE	DI	6	33	1988							75	NO	5
WP3821263	BEULAH RD NE	DI	6	20	1988							75	NO	5
WP3821264	BEULAH RD NE	DI	6	20	1988							75	NO	5



Water Pipe Inventory

4/27/2011

Pipe ID	Street Name	Material	Size	Length	Year of Street Construction	# Breaks	Dirty Water Complaint	Rehabilitation Year	Rehabilitation Method	Historic Action	Service Life	Exceeded Service Life	Condition
WP3821315	GLYNDON ST NE	CI	4	20	1935						100	NO	5
WP3821316	GLYNDON ST NE	CI	4	20	1935						100	NO	5
WP3821317	PARK ST NE	DI	6	187	1982						75	NO	5
WP3821318	PARK ST NE	DI	6	153	1982						75	NO	5
WP3821319	PARK ST NE	DI	6	20	1982						75	NO	5
WP3821320	PARK ST NE	DI	6	20	1982						75	NO	5
WP3821321	ALBIA CT NE	CI	4	20	1967						100	NO	5
WP3821322	ALBIA CT NE	DI	4	20	1982						75	NO	5
WP3821323	ALBIA CT NE	CI	4	243	1967	1					100	NO	3A
WP3821324	PARK ST NE	DI	6	112	1982						75	NO	5
WP3821325	ALBIA CT NE	DI	6	20	1982						75	NO	5
WP3821326	PARK ST NE	DI	6	20	1982						75	NO	5
WP3821327	PARK ST NE	DI	6	20	1982						75	NO	5
WP3821328	PARK ST NE	DI	6	20	1982						75	NO	5
WP3821329	PARK ST NE	DI	6	20	1982						75	NO	5
WP3821330	PARK ST NE	DI	6	864	1982	1					75	NO	3A
WP3821331	MILL ST NE	CI	8	20	1970						100	NO	5
WP3821332	MILL ST NE	CI	8	20	1970						100	NO	5
WP3821333	MILL ST NE	CI	8	274	1970						100	NO	5
WP3821334	MILL ST NE	CI	8	20	1970						100	NO	5
WP3821335	MILL ST NE	CI	8	20	1970						100	NO	5
WP3821336	MILL ST NE	CI	8	242	1970						100	NO	5
WP3821337	MILL ST NE	CI	8	20	1970						100	NO	5
WP3821338	MILL ST NE	CI	8	20	1970						100	NO	5
WP3821339	MILL ST NE	CI	8	20	1970						100	NO	5
WP3821340	MILL ST NE	CI	8	288	1970						100	NO	5
WP3821341	MILL ST NE	CI	8	108	1970						100	NO	5
WP3821342	MILL ST NE	CI	6	328	1970						100	NO	5
WP3821343	MILL ST	CI	6	20	1970						100	NO	5
WP3821344	MILL ST	CI	6	20	1970						100	NO	5
WP3821345	MILL ST	CI	6	20	1970						100	NO	5
WP3821346	MILL ST	CI	6	20	1970						100	NO	5
WP3821347	MILL ST	CI	6	156	1970						100	NO	5
WP3821348	MILL ST	CI	6	20	1970						100	NO	5
WP3821349	MILL ST	CI	6	20	1970						100	NO	5
WP3821351	MILL ST	CI	6	20	1970						100	NO	5
WP3821352	MILL ST	CI	6	269	1970						100	NO	5
WP3821356	GLYNDON ST NE	CI	6	180	1935	1					100	NO	3A
WP3821357	GLYNDON ST NE	CI	6	20	1935						100	NO	5
WP3821358	GLYNDON ST	CI	6	583	1935						100	NO	5
WP3821367	DOMINION RD NE	CI	6	20	1967						100	NO	5
WP3821368	DOMINION RD NE	CI	6	20	1967						100	NO	5
WP3821369	DOMINION RD NE	CI	8	20	1967						100	NO	5
WP3821370	MILL ST NE	CI	8	20	1970						100	NO	5
WP3821371	AYR HILL AV NE	CI	8	339	1967						100	NO	5
WP3821372	DOMINION RD NE	CI	8	20	1967						100	NO	5
WP3821373	DOMINION RD NE	CI	6	309	1967						100	NO	5
WP3821374	DOMINION RD	CI	6	80	1967						100	NO	5
WP3821375	DOMINION RD	CI	6	20	1967						100	NO	5
WP3821376	DOMINION RD NE	CI	6	553	1967	2					100	NO	2A



Pipe ID	Street Name	Material	Size	Length	Year of Street Construction	# Breaks	Dirty Water Complaint	Rehabilitation Year	Rehabilitation Method	Historic Action	Service Life	Exceeded Service Life Condition
WP3821433	DRUID HILL RD	CI	6	20	1973						100	NO
WP3821434	DRUID HILL RD	CI	6	20	1973						100	NO
WP3821435	NELSON DR NE	CI	6	20	1954						100	NO
WP3821436	NELSON DR NE	CI	6	20	1954						100	NO
WP3821437	NELSON DR NE	CI	6	495	1954						100	NO
WP3821438	NELSON DR NE	CI	6	20	1954						100	NO
WP3821439	NELSON DR NE	CI	8	20	1954						100	NO
WP3821440	NELSON DR	CI	8	521	1954						100	NO
WP3821441	DRUID HILL RD	CI	6	132	1973						100	NO
WP3821442	EAST ST	CI	8	20	1966						100	NO
WP3821443	DRUID HILL RD	CI	8	361	1973						100	NO
WP3821444	CREEK CROSSING RD NE	CI	6	20	1975						100	NO
WP3821445	CREEK CROSSING RD NE	CI	6	20	1975						100	NO
WP3821446	CREEK CROSSING RD NE	CI	6	20	1975						100	NO
WP3821447	CREEK CROSSING RD NE	CI	6	20	1975						100	NO
WP3821453	CREEK CROSSING RD NE	CI	6	650	1966						100	NO
WP3821454	EAST ST NE	CI	6	20	1966						100	NO
WP3821455	EAST ST NE	CI	6	20	1975						100	NO
WP3821456	EAST ST	CI	4	158	1966						100	NO
WP3821457	EAST ST NE	CI	8	20	1966						100	NO
WP3821458	EAST ST NE	CI	8	90	1966						100	NO
WP3821459	EAST ST NE	CI	8	20	1966						100	NO
WP3821460	CREEK CROSSING RD	CI	4	20	1975						100	NO
WP3821461	EAST CREEK CT NE	CI	4	355	1966						100	NO
WP3821462	EAST CREEK CT NE	CI	4	20	1938						100	NO
WP3821463	EAST ST NE	CI	8	20	1966						100	NO
WP3821464	EAST ST NE	CI	8	20	1966						100	NO
WP3821465	EAST ST NE	CI	8	20	1966						100	NO
WP3821466	EAST ST NE	CI	4	20	1966						100	NO
WP3821467	EAST ST NE	CI	4	20	1966						100	NO
WP3821468	EAST ST	CI	4	109	1966						100	NO
WP3821469	EAST ST	CI	4	20	1966						100	NO
WP3821470	EAST ST NE	CI	8	151	1966						100	NO
WP3821471	EAST ST NE	CI	8	51	1966						100	NO
WP3821472	EAST ST	CI	8	20	1966						100	NO
WP3821473	EAST ST	CI	8	243	1966						100	NO
WP3821474	CREEK CROSSING RD	CI	8	20	1975						100	NO
WP3821475	CREEK CROSSING RD	CI	8	23	1975						100	NO
WP3821476	CREEK CROSSING RD	CI	8	20	1975						100	NO
WP3821477	EAST ST NE	CI	8	15	1975						100	NO
WP3821478	EAST ST NE	CI	6	40	1975						100	NO
WP3821479	CREEK CROSSING RD	CI	8	30	1975						100	NO
WP3821480	CREEK CROSSING RD	CI	8	20	1975						100	NO
WP3821481	CREEK CROSSING RD	CI	6	373	1975						100	NO
WP3821482	CREEK CROSSING RD	CI	8	20	1975						100	NO
WP3821483	CREEK CROSSING RD	CI	6	20	1975						100	NO
WP3821484	CREEK CROSSING RD	CI	8	40	1975						100	NO
WP3821485	KENYON LA NE	CI	6	20	1966						100	NO
WP3821486	KENYON LA NE	CI	6	20	1966						100	NO
WP3821487	KENYON LA NE	CI	8	20	1966						100	NO



Pipe ID	Street Name	Material	Size	Length	Year of Street Construction	# Breaks	Dirty Water Complaint	Rehabilitation Year	Rehabilitation Method	Action	Service Life	Exceeded Service Life	Condition
WP3822082	EAST ST SE	DI	6	40	1981					75	NO	5	
WP3822083	EAST ST SE	CI	6	20	1966					100	NO	5	
WP3822084	MASHIE DR SE	CI	8	43	1956					100	NO	5	
WP3822085	MASHIE DR SE	CI	8	20	1956					100	NO	5	
WP3822086	MASHIE DR SE	CI	6	20	1958					100	NO	5	
WP3822087	MASHIE DR SE	CI	6	20	1956					100	NO	5	
WP3822088	MASHIE DR SE	CI	8	20	1958					100	NO	5	
WP3822089	MASHIE DR SE	CI	8	20	1958					100	NO	5	
WP3822090	MASHIE DR SE	CI	6	20	1956					100	NO	5	
WP3822091	MASHIE DR SE	DI	6	488	1981	1				75	NO	3A	
WP3822092	MASHIE DR SE	CI	6	20	1956					100	NO	5	
WP3822093	MASHIE DR SE	CI	6	463	1956	1				100	NO	3A	
WP3822094	HINE ST SE	CI	8	383	1958					100	NO	5	
WP3822095	LYNHHILL CT NE	CI	6	20	1971					100	NO	5	
WP3822096	LYNHHILL CT NE	CI	6	20	1971					100	NO	5	
WP3822097	LYNHHILL CT NE	CI	6	155	1975					100	NO	5	
WP3822098	CREEK CROSSING RD NE	CI	8	20	1975					100	NO	5	
WP3822099	LYNHHILL CT NE	CI	6	75	1971					100	NO	5	
WP3822100	LYNHHILL CT NE	CI	6	20	1971					100	NO	5	
WP3822101	CREEK CROSSING RD	CI	8	171	1969					100	NO	5	
WP3822102	CREEK CROSSING RD	CI	8	20	1975					100	NO	5	
WP3822103	CREEK CROSSING RD	CI	8	20	1975					100	NO	5	
WP3822104	FAIRWAY DR NE	CI	6	60	1975					100	NO	5	
WP3822105	FAIRWAY DR NE	CI	6	20	1971					100	NO	5	
WP3822106	FAIRWAY DR NE	CI	6	20	1971					100	NO	5	
WP3822107	FAIRWAY DR NE	CI	6	936	1971					100	NO	5	
WP3822108	MARPLE AVE	CI	12	20	1960					100	NO	5	
WP3822109	MARPLE AVE	CI	12	20	1960					100	NO	5	
WP3822110	MARPLE AVE	CI	12	61	1960					100	NO	5	
WP3822111	MARPLE AVE	CI	12	61	1960					100	NO	5	
WP3822112	MARPLE AVE	CI	12	36	1960					100	NO	5	
WP3822113	MARPLE AVE	CI	12	42	1960					100	NO	5	
WP3822114	WESTMANOR CT SE	CI	6	20	1960					100	NO	5	
WP3822115	WESTMANOR CT SE	DI	6	142	1997					75	NO	5	
WP3822116	WESTMANOR CT SE	DI	6	20	1997					75	NO	5	
WP3822117	MASHIE DR SE	CI	6	20	1956					100	NO	5	
WP3822118	MASHIE DR SE	CI	6	13	1956					100	NO	5	
WP3822119	MASHIE DR SE	CI	6	20	1956					100	NO	5	
WP3822120	MASHIE DR SE	CI	2	20	1956					100	NO	5	
WP3822121	MASHIE DR SE	CI	6	20	1956					100	NO	5	
WP3822122	MASHIE DR SE	CI	6	20	1956					100	NO	5	
WP3822123	MASHIE DR SE	CI	6	20	1956					100	NO	5	
WP3822124	MASHIE DR SE	CI	6	20	1956					100	NO	5	
WP3822125	MASHIE DR SE	CI	6	578	1956					100	NO	5	
WP3822126	MARPLE AVE	CI	12	20	1960					100	NO	5	
WP3822127	MASHIE DR	CI	12	673	1956					100	NO	5	
WP3822128	CHURCH ST NE	CI	6	20	1966					100	NO	5	
WP3822129	CHURCH ST NE	CI	12	402	1960					100	NO	5	
WP3822131	KENYON LA NE	CI	6	20	1966					100	NO	5	
WP3822132	KENYON LA NE	CI	6	20	1966					100	NO	5	



Pipe ID	Street Name	Material	Size	Length	Year of Street Construction	# Breaks	Dirty Water Complaint	Rehabilitation Year	Rehabilitation Method	Historic Action	Service Life	Exceeded Service Life	Condition
WP3822296	BERRY ST SE	Cl	4	20	1971					100	NO	5	
WP3822297	BERRY ST SE	Cl	8	20	1971					100	NO	5	
WP3822298	BERRY ST SE	Cl	8	20	1971					100	NO	5	
WP3822299	BERRY ST SE	Cl	8	426	1971					100	NO	5	
WP3822300	HINE ST SE	Cl	4	408	1958					100	NO	5	
WP3822301	BERRY ST SE	Cl	6	20	1971					100	NO	5	
WP3822302	BERRY ST SE	Cl	6	20	1971					100	NO	5	
WP3822303	BERRY ST SE	Cl	6	20	1971					100	NO	5	
WP3822304	BERRY ST SE	Cl	6	20	1971					100	NO	5	
WP3822305	BERRY ST SE	Cl	6	20	1971					100	NO	5	
WP3822306	BERRY ST SE	Cl	6	472	1971					100	NO	5	
WP3822307	WELLES ST SE	Cl	6	20	1957					100	NO	5	
WP3822308	WELLES ST SE	Cl	6	20	1957					100	NO	5	
WP3822309	WELLES ST SE	Cl	6	97	1957					100	NO	5	
WP3822310	WELLES ST SE	Cl	6	412	1957					100	NO	5	
WP3822311	BERRY ST SE	Di	6	20	1981					75	NO	5	
WP3822312	BERRY ST SE	Di	6	10	1981					75	NO	5	
WP3822313	BERRY ST SE	Di	6	20	1981					75	NO	5	
WP3822314	BERRY ST SE	Di	6	20	1981					75	NO	5	
WP3822315	BERRY ST SE	Di	6	475	1981					75	NO	5	
WP3822316	ECHOLS ST SE	Cl	6	20	1956					100	NO	5	
WP3822317	ECHOLS ST SE	Cl	6	20	1956					100	NO	5	
WP3822318	ECHOLS ST SE	Cl	6	20	1956					100	NO	5	
WP3822319	ECHOLS ST SE	Cl	6	20	1956					100	NO	5	
WP3822320	DELANO DR SE	Cl	6	20	1956					100	NO	5	
WP3822321	ECHOLS ST SE	Cl	6	385	1956					100	NO	5	
WP3822323	BRANCH RD SE	Cl	6	285	1956					100	NO	5	
WP3822328	BRANCH RD SE	Cl	6	34	1956					100	NO	5	
WP3822329	BRANCH RD SE	Cl	6	20	1956					100	NO	5	
WP3822330	BRANCH RD SE	Cl	6	20	1956					100	NO	5	
WP3822331	BRANCH RD SE	Cl	6	20	1956					100	NO	5	
WP3822332	BRANCH RD SE	Cl	6	20	1956					100	NO	5	
WP3822333	CABIN RD SE	Cl	6	20	1956					100	NO	5	
WP3822334	CABIN RD SE	Cl	6	20	1956					100	NO	5	
WP3822335	CABIN RD SE	Cl	6	20	1956					100	NO	5	
WP3822336	BRANCH RD SE	Cl	6	227	1956					100	NO	5	
WP3822337	CABIN RD SE	Cl	6	20	1956					100	NO	5	
WP3822338	CABIN RD SE	Cl	6	20	1956					100	NO	5	
WP3822339	CABIN RD SE	Cl	6	323	1956					100	NO	5	
WP3822341	BRANCH RD SE	Cl	6	20	1955					100	NO	5	
WP3822342	BRANCH RD SE	Cl	6	20	1955					100	NO	5	
WP3822343	BRANCH RD SE	Cl	6	20	1955					100	NO	5	
WP3822344	BRANCH RD SE	Cl	6	64	1955					100	NO	5	
WP3822345	BRANCH RD SE	Cl	6	262	1956					100	NO	5	
WP3822346	CHARLES ST SE	Cl	6	20	1955					100	NO	5	
WP3822347	CHARLES ST SE	Cl	6	20	1955					100	NO	5	
WP3822348	CHARLES ST SE	Cl	6	365	1955					100	NO	5	
WP3822349	BRANCH RD SE	Cl	6	20	1973					100	NO	5	
WP3822350	BRANCH RD SE	Cl	6	20	1973					100	NO	5	
WP3822351	BRANCH RD SE	Cl	6	20	1973					100	NO	5	



Water Pipe Inventory

4/27/2011

Pipe ID	Street Name	Material	Size	Length	Year of Street Construction	# Breaks	Dirty Water Complaint	Rehabilitation Year	Rehabilitation Method	Historic Action	Service Life	Exceeded Service Life Condition
WF3822574	AYR HILL AV NE	CI	6	746	1970					100	NO	5
WF3822575	BEULAH RD NE	CI	12	716	1975					100	NO	5
WF3822576	BEULAH RD NE	DI	6	20	1988					75	NO	5
WF3822577	BEULAH RD NE	DI	6	54	1988					75	NO	5
WF3822578	BEULAH RD NE	DI	6	584	1988					75	NO	5
WF3822579	BEULAH RD NE	DI	6	20	1988					75	NO	5
WF3822580	WILMAR PL NW	CI	6	618	1976					100	NO	3A
WF3822587	CENTER ST N	CI	8	268	1976					100	NO	5
WF3822588	DOMINION RD NE	CI	6	20	1960					100	NO	5
WF3822589	DOMINION RD NE	CI	8	20	1967					100	NO	5
WF3822590	DOMINION RD NE	CI	8	54	1960					100	NO	5
WF3822591	CHURCH ST NE	CI	8	20	1960					100	NO	5
WF3822592	DOMINION RD NE	CI	8	20	1960					100	NO	5
WF3822593	CHURCH ST NE	CI	12	182	1960					100	NO	5
WF3822594	DOMINION RD NE	CI	6	283	1967					100	NO	5
WF3822595	CHURCH ST NE	CI	8	305	1966					100	NO	5
WF3822599	CHURCH ST NE	CI	8	300	1960					100	NO	5
WF3822600	CHURCH ST NE	CI	8	20	1960					100	NO	5
WF3822601	CHURCH ST NE	CI	8	20	1970					100	NO	5
WF3822602	CHURCH ST NE	CI	12	20	1970					100	NO	5
WF3822603	CHURCH ST NE	CI	12	20	1960					100	NO	5
WF3822604	CHURCH ST NE	CI	12	20	1960					100	NO	5
WF3822605	CHURCH ST NE	CI	12	20	1960					100	NO	5
WF3822606	CHURCH ST NE	CI	12	162	1960					100	NO	5
WF3822607	MILL ST NE	CI	8	151	1970					100	NO	5
WF3822608	MILL ST NE	CI	8	20	1970					100	NO	5
WF3822609	MILL ST NE	CI	8	20	1970					100	NO	5
WF3822610	MILL ST NE	CI	8	20	1970					100	NO	5
WF3822611	MILL ST	CI	8	30	1970					100	NO	5
WF3822612	MILL ST NE	CI	8	20	1970					100	NO	5
WF3822613	MILL ST NE	CI	8	20	1970					100	NO	5
WF3822614	MILL ST NE	CI	8	207	1970					100	NO	5
WF3822620	MILL ST NE	CI	8	274	1960					100	NO	5
WF3822621	CHURCH ST NE	CI	6	60	1960					100	NO	5
WF3822622	CHURCH ST NE	CI	6	14	1960					100	NO	5
WF3822623	CHURCH ST NE	DI	8	20	1982					75	NO	5
WF3822624	CHURCH ST NE	DI	8	20	1982					75	NO	5
WF3822625	CHURCH ST NE	DI	8	33	1982					75	NO	5
WF3822634	CHURCH ST NE	DI	12	396	1982					75	NO	5
WF3822635	CHURCH ST NE	CI	8	380	1960					100	NO	5
WF3822636	CHURCH ST NE	CI	8	43	1960					100	NO	5
WF3822637	CHURCH ST NE	CI	12	20	1960					100	NO	5
WF3822638	CHURCH ST NE	CI	12	20	1960					100	NO	5
WF3822639	MAPLE AVE	CI	8	20	1982					75	NO	5
WF3822640	MAPLE AVE	CI	8	20	1960					100	NO	5
WF3822641	MAPLE AVE	DI	8	20	1982					75	NO	5
WF3822642	MAPLE AVE	DI	8	16	1982					75	NO	5
WF3822643	MAPLE AVE	DI	8	20	1982					75	NO	5
WF3822644	MAPLE AVE	DI	8	20	1982					75	NO	5
WF3822645	MAPLE AVE	CI	8	20	1960					100	NO	5



Pipe ID	Street Name	Material	Size	Length	Year of Street Construction	# Breaks	Dirty Water Complaint	Rehabilitation Year	Rehabilitation Method	Historic Action	Service Life	Exceeded Service life	Condition
WF3823335	GLYNDON ST SE	CI	6	10	1935						100	NO	5
WF3823336	GLYNDON ST SE	CI	6	34	1935						100	NO	5
WF3823337	GLYNDON ST SE	CI	6	10	1935						100	NO	5
WF3823338	GLYNDON ST SE	CI	6	29	1935						100	NO	5
WF3823339	GLYNDON ST SE	CI	6	20	1935						100	NO	5
WF3823341	CHARLES ST SE	CI	6	20	1973						100	NO	5
WF3823342	CHARLES ST SE	CI	6	20	1973						100	NO	5
WF3823343	LOCUST ST SE	CI	6	42	1973						100	NO	5
WF3823344	LOCUST ST SE	CI	6	20	1973						100	NO	5
WF3823345	LOCUST ST SE	CI	6	60	1973						100	NO	5
WF3823346	LOCUST ST SE	CI	6	395	1973						100	NO	5
WF3823347	CHARLES ST SE	CI	6	20	1955						100	NO	5
WF3823348	CHARLES ST SE	CI	4	80	1955						100	NO	5
WF3823349	CHARLES ST SE	CI	6	42	1955						100	NO	5
WF3823350	CHARLES ST SE	CI	6	285	1955						100	NO	5
WF3823351	LOCUST ST SE	CI	6	325	1972						100	NO	5
WF3823352	BRANCH RD SE	CI	6	20	1956						100	NO	5
WF3823353	BRANCH RD SE	CI	6	20	1956						100	NO	5
WF3823354	PARKING LOT	CI	6	333	1972						100	NO	5
WF3823355	PARKING LOT	CI	4	20	1972						100	NO	5
WF3823356	PARKING LOT	CI	4	20	1972						100	NO	5
WF3823357	PARKING LOT	CI	4	20	1972						100	NO	5
WF3823358	PARKING LOT	CI	4	20	1972						100	NO	5
WF3823359	PARKING LOT	CI	6	94	1972						100	NO	5
WF3823360	PARKING LOT	CI	4	20	1972						100	NO	5
WF3823361	PARKING LOT	CI	4	20	1972						100	NO	5
WF3823362	PARKING LOT	CI	4	20	1972						100	NO	5
WF3823363	PARKING LOT	CI	4	20	1972						100	NO	5
WF3823364	PARKING LOT	CI	4	257	1972						100	NO	5
WF3823365	PARKING LOT	CI	4	139	1972						100	NO	5
WF3823366	PARKING LOT	CI	4	20	1972						100	NO	5
WF3823367	PARKING LOT	CI	4	20	1972						100	NO	5
WF3823368	GLYNDON ST SE	CI	4	20	1935						100	NO	5
WF3823369	PARKING LOT	CI	4	20	1972						100	NO	5
WF3823370	GLYNDON ST	CI	6	322	1935						100	NO	5
WF3823371	GLYNDON ST SE	CI	6	155	1935						100	NO	5
WF3823372	BRANCH RD SE	CI	6	163	1973						100	NO	5
WF3823373	BRANCH RD SE	CI	6	20	1956						100	NO	5
WF3823374	BRANCH RD SE	CI	6	20	1960						100	NO	5
WF3823375	BRANCH RD SE	CI	6	206	1956						100	NO	5
WF3823376	MAPLE AVE	CI	6	20	1956						100	NO	5
WF3823377	BRANCH RD SE	CI	6	342	1956						100	NO	5
WF3823378	MAPLE AV	CI	6	20	1960						100	NO	5
WF3823379	MAPLE AV	CI	6	80	1960						100	NO	5
WF3823380	BEULAH RD NE	CI	8	20	1960						100	NO	5
WF3823381	BEULAH RD NE	CI	8	20	1960						100	NO	5
WF3823382	BEULAH RD NE	CI	8	20	1960						100	NO	5
WF3823383	BEULAH RD NE	CI	8	20	1960						100	NO	5
WF3823384	BEULAH RD NE	CI	8	20	1960						100	NO	5
WF3823385	MAPLE AV	CI	4	20	1960						100	NO	5



Pipe ID	Street Name	Material	Size	Length	Year of Street Construction	# Breaks	Dirty Water Complaint	Rehabilitation Year	Rehabilitation Method	Historic Action	Service Life	Exceeded Service Life	Condition
WP3823436	GLYNDON ST NE	CI	8	438	1935					100	NO	5	
WP3823437	GLYNDON ST SE	CI	4	308	1935					100	NO	5	
WP3823438	GLYNDON ST SE	CI	4	20	1935					100	NO	5	
WP3823439	GLYNDON ST NE	CI	8	38	1935					100	NO	5	
WP3823440	MAPLE AVE	CI	8	338	1960					100	NO	5	
WP3823441	MAPLE AVE	CI	8	20	1960					100	NO	5	
WP3823442	MAPLE AVE	CI	8	20	1960					100	NO	5	
WP3823443	MAPLE AVE	CI	8	96	1935					100	NO	5	
WP3823444	MAPLE AVE	CI	8	20	1960					100	NO	5	
WP3823445	MAPLE AVE	CI	8	20	1960					100	NO	5	
WP3823446	MAPLE AVE	CI	8	29	1956					100	NO	5	
WP3823447	MAPLE AVE	CI	8	527	1960					100	NO	3A	
WP3824152	MAPLE AVE	CI	8	123	1960					100	NO	5	
WP3824171	GLYNDON ST	CI	6	1100	1935					100	NO	3A	
WP3825754	DEVONSHIRE DR NE	CI	4	20	1965					100	NO	5	
WP3825761	CHURCH ST NE	DI	6	61	1989					75	NO	5	
WP3825762	KENYON LA NE	DI	6	20	1989					75	NO	5	
WP3825765	COUNCIL DR	DI	4	20	1982					75	NO	5	
WP3825766	COUNCIL DR	DI	4	7	1982					75	NO	5	
WP3825767	COUNCIL DR	DI	4	113	1982					75	NO	5	
WP3825768	CHURCH ST	CI	4	20	1960					100	NO	5	
WP3825815	WOLFFTRAP RD SE	DI	6	631	1981					75	NO	5	
WP3825817	MAPLE AVE	CI	8	15	1960					100	NO	5	
WP3825818	WOLFFTRAP RD SE	CI	8	15	1955					100	NO	5	
WP3825819	MAPLE AVE	CI	8	20	1974					100	NO	5	
WP3825820	MAPLE AVE	CI	8	25	1960					100	NO	5	
WP3825821	MAPLE AVE	CI	8	1025	1974					100	NO	5	
WP3825837	ALBEA CT NE	DI	6	20	1982					75	NO	5	
WP3825938	PARK ST NE	DI	6	204	1982					75	NO	5	
WP3825939	PARK ST NE	DI	6	20	1982					75	NO	5	
WP3825940	PARK ST NE	DI	6	296	1982					75	NO	5	
WP3825941	CENTER ST N	CI	8	20	1976					100	NO	5	
WP3825942	CENTER ST N	CI	8	297	1966					100	NO	5	
WP3825944	CENTER ST N	CI	6	20	1966					100	NO	5	
WP3825945	GLYNDON ST NE	CI	6	20	1935					100	NO	5	
WP3825946	GLYNDON ST NE	CI	6	184	1935					100	NO	5	
WP3825947	GLYNDON ST NE	CI	6	20	1935					100	NO	5	
WP3825948	GLYNDON ST NE	CI	6	532	1935					100	NO	5	
WP3825949	GLYNDON ST NE	CI	6	20	1935					100	NO	5	
WP3825950	JEAN PL NE	CI	6	20	1935					100	NO	5	
WP3825951	GLYNDON ST NE	CI	6	44	1935					100	NO	5	
WP3825952	BROADLEAF DR NE	CI	6	272	1965					100	NO	5	
WP3825953	BROADLEAF DR NE	CI	6	193	1965					100	NO	5	
WP3825954	CYNTHIA LA NE	CI	6	593	1968					100	NO	5	
WP3825955	CYNTHIA LA NE	CI	6	92	1968					100	NO	5	
WP3825956	MURRAY LA	CI	6	710	1954					100	NO	3A	



Water Pipe Inventory

4/27/2011

Pipe ID	Street Name	Material	Size	Length	Year of Street Construction	# Breaks	Dirty Water Complaint	Rehabilitation Year	Rehabilitation Method	Historic Action	Service Life	Exceeded Service Life Condition
WP3833231	MONTCLAIR CT	CI	6	20	1966					100	NO	5
WP3833232	MONTCLAIR CT	CI	6	20	1966					100	NO	5
WP3833233	MONTCLAIR CT	CI	6	80	1966					100	NO	5
WP3833234	RIVIERA DR	CI	6	20	1970					100	NO	5
WP3833235	RIVIERA DR	CI	6	20	1970					100	NO	5
WP3833236	MONTCLAIR CT	CI	6	20	1970					100	NO	5
WP3833237	MONTCLAIR CT	CI	6	20	1970					100	NO	5
WP3833238	MONTCLAIR CT	CI	6	282	1966					100	NO	5
WP3833239	RIVIERA DR	CI	6	101	1970					100	NO	5
WP3833240	VALE RD	CI	6	17	1965					100	NO	5
WP3833241	RIVIERA DR	CI	6	20	1970					100	NO	5
WP3833242	RIVIERA DR	CI	6	20	1970					100	NO	5
WP3833243	RIVIERA DR	CI	6	563	1970	1				100	NO	3A
WP3833244	VALE RD	CI	8	9	1965					100	NO	5
WP3833245	VALE RD	CI	8	26	1965					100	NO	5
WP3833246	VALE RD	CI	6	18	1965					100	NO	5
WP3833247	FLINT HILL RD	CI	8	20	1965					100	NO	5
WP3833263	RIVIERA DR	CI	6	654	1970					100	NO	5
WP3833315	RIVIERA DR	CI	6	253	1970					100	NO	5
WP3833660	WALNUT LA NW	CI	6	20	1959					100	NO	5
WP3833661	WALNUT LA NW	CI	6	20	1954					100	NO	5
WP3833662	WALNUT LA NW	CI	6	20	1959					100	NO	5
WP3833663	WALNUT LA NW	CI	6	658	1954					100	NO	5
WP3833938	CERET CT SW	DI	6	279	1978					75	NO	5
WP3834158	PLEASANT ST NW	DI	12	20	1952					100	NO	5
WP3834159	PLEASANT ST NW	DI	12	19	1952					100	NO	5
WP3834161	WADE HAMPTON DR SW	CI	6	20	1946					100	NO	5
WP3834163	NUTLEY ST SW	CI	8	215	1959					100	NO	5
WP3834165	NUTLEY ST SW	CI	6	20	1959					100	NO	5
WP3834166	NUTLEY ST SW	CI	8	31	1928					100	NO	5
WP3834167	COURTHOUSE RD SW	CI	8	426	1959					100	NO	5
WP3834168	NUTLEY ST SW	CI	8	20	1959					100	NO	5
WP3834631	LOVERS LA	CI	12	401	1930					100	NO	5
WP3834633	GLEN GYLE DR	DI	6	20	1978					75	NO	5
WP3834634	GLEN GYLE DR	DI	4	30	1978					75	NO	5
WP3834635	GLEN GYLE DR	DI	4	30	1978					75	NO	5
WP3834636	GLEN GYLE DR	DI	3	30	1978					75	NO	5
WP3834637	GLEN GYLE DR	DI	3	30	1978					75	NO	5
WP3834638	GLEN GYLE DR	DI	6	104	1978					75	NO	5
WP3834639	GLEN GYLE DR	DI	4	30	1978					75	NO	5
WP3834640	GLEN GYLE DR	DI	4	30	1978					75	NO	5
WP3834641	GLEN GYLE DR	DI	6	61	1978					75	NO	5
WP3834642	GLEN GYLE DR	DI	6	20	1978					75	NO	5
WP3834643	GLEN GYLE DR	DI	6	20	1978					75	NO	5
WP3834644	GLEN GYLE DR	DI	6	136	1978					75	NO	5
WP3834645	GLEN GYLE DR	DI	6	20	1978					75	NO	5
WP3834646	GLEN GYLE DR	DI	6	20	1959					100	NO	5
WP3834647	RAMBLING RD	CI	6	37	1959					100	NO	5
WP3834648	RAMBLING RD	CI	6	20	1978					75	NO	5
WP3834649	GLEN GYLE DR	DI	6	20	1978					75	NO	5



Pipe ID	Street Name	Material	Size	Length	Year of Street Construction	# Breaks	Dirty Water Complaint	Rehabilitation Year	Rehabilitation Method	Historic Action	Service Life	Exceeded Service Life	Condition
WP3834700	SUNRISE RD	Cl	6	20	1959						100	NO	5
WP3834701	RAMBLING RD	Cl	6	633	1959						100	NO	5
WP3834702	SUNRISE RD	Cl	6	588	1959						100	NO	5
WP3834704	BABCOCK RD	Cl	8	20	1967						100	NO	5
WP3834705	BABCOCK RD	Cl	8	20	1967						100	NO	5
WP3834706	BABCOCK RD	Cl	8	20	1967						100	NO	5
WP3834707	BABCOCK RD	Cl	8	20	1967						100	NO	5
WP3834708	BABCOCK RD	Cl	8	12	1967						100	NO	5
WP3834709	BABCOCK RD	Cl	8	20	1967						100	NO	5
WP3834710	BABCOCK RD	Cl	8	20	1967						100	NO	5
WP3834711	BABCOCK RD	Cl	8	629	1967						100	NO	5
WP3834714	RHAPSODY DR	Cl	6	20	1972						100	NO	5
WP3834715	RHAPSODY DR	Cl	6	20	1972						100	NO	5
WP3834716	RHAPSODY DR	Cl	6	20	1972						100	NO	5
WP3834717	RHAPSODY DR	Cl	6	229	1972						100	NO	5
WP3834718	HIGHLAND ST NW	Cl	6	20	1954						100	NO	5
WP3834719	HIGHLAND ST NW	Cl	6	20	1954						100	NO	5
WP3834720	HIGHLAND ST NW	Cl	6	20	1954						100	NO	5
WP3834722	MALCOLM RD NW	Cl	8	20	1969						100	NO	5
WP3834723	LINCOLN ST NW	Cl	8	20	1969						100	NO	5
WP3834725	MALCOLM RD NW	Cl	8	96	1969						100	NO	5
WP3834726	MALCOLM RD NW	Cl	6	20	1969						100	NO	5
WP3834727	MALCOLM RD NW	Cl	6	20	1978						75	NO	5
WP3834728	MALCOLM RD NW	Cl	6	20	1969						100	NO	5
WP3834729	LINCOLN ST NW	Cl	6	435	1978						75	NO	5
WP3834730	LINCOLN ST NW	Cl	6	20	1978						100	NO	5
WP3834731	LINCOLN ST NW	Cl	6	20	1954						100	NO	5
WP3834732	HIGHLAND ST NW	Cl	6	20	1954						100	NO	5
WP3834733	LINCOLN ST NW	Cl	6	37	1978						75	NO	5
WP3834734	NUTLEY ST NW	Cl	6	20	1990						75	NO	5
WP3834735	NUTLEY ST NW	Cl	6	20	1959						100	NO	5
WP3834736	MALCOLM RD NW	Cl	8	32	1978						75	NO	5
WP3834737	MALCOLM RD NW	Cl	6	20	1969						100	NO	5
WP3834738	OAK VALE CT NW	Cl	4	10	1984						75	NO	5
WP3834739	VALE RD NW	Cl	6	21	1969						100	NO	5
WP3834740	VALEVIEW CT NW	Cl	6	20	1968						100	NO	5
WP3834741	VALEVIEW CT NW	Cl	6	20	1968						100	NO	5
WP3834742	VALEVIEW CT NW	Cl	6	234	1969						75	NO	5
WP3834743	VALEVIEW CT NW	Cl	6	336	1968						100	NO	5
WP3834744	OAK VALE CT NW	Cl	6	24	1984						75	NO	5
WP3834745	OAK VALE CT NW	Cl	6	20	1984						75	NO	5
WP3834746	OAK VALE CT NW	Cl	6	231	1969						100	NO	5
WP3834747	OAK VALE CT NW	Cl	4	345	1984						75	NO	5
WP3834748	VALE RD	Cl	6	20	1965						100	NO	5
WP3834749	VALE RD	Cl	6	20	1965						100	NO	5
WP3834750	VALE RD	Cl	8	20	1965						100	NO	5
WP3834751	VALE RD	Cl	8	7	1965						100	NO	5
WP3834752	CAREY LA	Cl	6	20	1959						100	NO	5
WP3834753	CAREY LA	Cl	6	20	1959						100	NO	5
WP3834754	CAREY LA	Cl	6	20	1959						100	NO	5



Pipe ID	Street Name	Material	Size	Length	Year of Street Construction	# Breaks	Dirty Water Complaint	Rehabilitation Year	Rehabilitation Method	Historic Action	Service Life	Exceeded Service Life Condition
WP3834805	RAMBLING RD	CI	6	20	1958					100	NO	5
WP3834806	FLINT HILL RD	CI	6	30	1958					100	NO	5
WP3834807	FLINT HILL RD	CI	6	362	1958					100	NO	5
WP3834808	FLINT HILL CT	CI	8	20	1958					100	NO	5
WP3834809	FLINT HILL CT	CI	8	20	1958					100	NO	5
WP3834810	FLINT HILL CT	CI	6	20	1958					100	NO	5
WP3834811	FLINT HILL CT	CI	8	15	1958					100	NO	5
WP3834812	FLINT HILL CT	CI	6	20	1958					100	NO	5
WP3834813	FLINT HILL RD	CI	8	314	1958					100	NO	5
WP3834814	PENNINGTON PL	CI	6	20	1958					100	NO	5
WP3834815	PENNINGTON PL	CI	6	20	1958					100	NO	5
WP3834816	PENNINGTON PL	DI	6	20	1997					75	NO	5
WP3834817	PENNINGTON PL	DI	6	73	1997					75	NO	5
WP3834818	PENNINGTON PL	DI	6	20	1997					75	NO	5
WP3834819	PENNINGTON PL	DI	6	20	1997					75	NO	5
WP3834820	CHILCOTT MANOR WY	CI	6	20	1967					100	NO	5
WP3834821	CHAIN BRIDGE RD	CI	8	78	1937					100	NO	5
WP3834822	CHAIN BRIDGE RD	CI	8	20	1937					100	NO	5
WP3834823	FLINT HILL RD	CI	8	20	1958					100	NO	5
WP3834824	FLINT HILL RD	CI	8	20	1958					100	NO	5
WP3834825	CHAIN BRIDGE RD	CI	8	20	1958					100	NO	5
WP3834826	FLINT HILL RD	CI	8	20	1958					100	NO	5
WP3834827	FLINT HILL RD	DI	8	123	1997					75	NO	5
WP3834828	PENNINGTON PL	DI	6	64	1997					75	NO	5
WP3834829	WHITECEDAR CT	CI	8	20	1958					100	NO	5
WP3834832	WHITECEDAR CT	CI	8	20	1958					100	NO	5
WP3834833	FLINT HILL RD	CI	8	443	1958					100	NO	5
WP3834834	LEMONTREE LA	CI	4	20	1971					100	NO	5
WP3834835	WHITECEDAR CT	CI	4	20	1971					100	NO	5
WP3834836	PINE CLUSTER CI	DI	4	20	1982					75	NO	5
WP3834837	RAMBLING RD	CI	6	333	1959					100	NO	5
WP3834838	FLINT HILL RD	CI	6	20	1958					100	NO	5
WP3834839	FLINT HILL RD	CI	6	20	1959					100	NO	5
WP3834840	CHILCOTT MANOR WY	CI	6	20	1967					100	NO	5
WP3834841	CHILCOTT MANOR WY	CI	6	20	1967					100	NO	5
WP3834842	CHILCOTT MANOR WY	CI	6	151	1967					100	NO	5
WP3834843	CHILCOTT MANOR WY	CI	6	242	1967					100	NO	5
WP3834844	GLENIGYLE DR	DI	6	20	1978					75	NO	5
WP3834845	GLENIGYLE DR	DI	6	20	1978					75	NO	5
WP3834846	GLENIGYLE DR	DI	6	158	1978					75	NO	5
WP3834847	GLENIGYLE DR	DI	6	209	1978					75	NO	5
WP3834848	BABOCK RD	CI	8	20	1967					100	NO	5
WP3834849	BABOCK RD	CI	8	20	1967					100	NO	5
WP3834850	BABOCK RD	CI	8	468	1967					100	NO	5
WP3834851	BABOCK RD	CI	8	1369	1967					100	NO	5
WP3834852	RHAPSODY DR	CI	12	20	1972					100	NO	5
WP3834853	RHAPSODY DR	CI	12	20	1972					100	NO	5
WP3834855	MALCOLM RD NW	CI	12	20	1969					100	NO	5
WP3834856	ROBERTS DR	CI	6	31	1960					100	NO	5
WP3834857	MALCOLM RD NW	CI	8	20	1960					100	NO	5



Pipe ID	Street Name	Material	Size	Length	Year of Street Construction	# Breaks	Dirty Water Complaint	Rehabilitation Year	Rehabilitation Method	Historic Action	Service Life	Exceeded Service Life Condition
WP3834908	PLEASANT ST NW	Cl	6	20	1959						100	NO
WP3834909	PLEASANT ST NW	Cl	6	20	1959						100	NO
WP3834910	WINDOVER AV NW	Cl	6	20	1959						100	NO
WP3834911	WINDOVER AV NW	Cl	6	20	1959						100	NO
WP3834912	WINDOVER AV	Cl	6	375	1959						100	NO
WP3834913	WINDOVER AV NW	Cl	6	478	1959						100	NO
WP3834914	LEWIS ST NW	Cl	6	20	1934						100	NO
WP3834915	LEWIS ST NW	Cl	6	20	1934						100	NO
WP3834916	LEWIS ST NW	Cl	6	794	1934						100	NO
WP3834917	WEST ST NW	Di	6	20	1989						75	NO
WP3834918	WEST ST NW	Cl	8	20	1959						100	NO
WP3834919	WEST ST NW	Cl	8	20	1959						100	NO
WP3834920	WEST ST NW	Cl	8	24	1959						100	NO
WP3834921	MALCOLM RD NW	Cl	8	20	1969						100	NO
WP3834922	MALCOLM RD NW	Cl	8	20	1969						100	NO
WP3834923	MALCOLM RD NW	Cl	8	127	1969						100	NO
WP3834924	MALCOLM RD NW	Di	8	20	1990						75	NO
WP3834925	MALCOLM RD NW	Cl	8	20	1969						100	NO
WP3834926	MALCOLM RD NW	Cl	8	121	1969						100	NO
WP3834927	MALCOLM RD NW	Cl	8	764	1969						100	NO
WP3834928	ORCHARD CT NW	Di	4	20	1990						75	NO
WP3834929	ORCHARD CT NW	Di	6	20	1990						75	NO
WP3834930	ORCHARD CT NW	Di	6	30	1990						100	NO
WP3834931	ORCHARD CT NW	Di	4	29	1990						75	NO
WP3834932	ORCHARD ST NW	Di	8	20	1990						75	NO
WP3834933	ORCHARD ST NW	Di	8	20	1990						100	NO
WP3834934	NUTLEY ST NW	Cl	6	32	1959						100	NO
WP3834935	NUTLEY ST NW	Cl	6	20	1959						100	NO
WP3834936	NUTLEY ST NW	Cl	6	32	1959						100	NO
WP3834937	NUTLEY ST	Cl	8	20	1959						100	NO
WP3834938	NUTLEY ST	Cl	8	20	1959						100	NO
WP3834939	NUTLEY ST	Cl	8	20	1959						100	NO
WP3834940	NUTLEY ST	Cl	8	20	1959						100	NO
WP3834941	NUTLEY ST	Cl	8	20	1959						100	NO
WP3834942	NUTLEY ST	Cl	8	20	1959						100	NO
WP3834943	NUTLEY ST	Cl	8	20	1959						100	NO
WP3834944	NUTLEY ST	Cl	8	20	1959						100	NO
WP3834945	NUTLEY ST	Cl	8	12	1959						100	NO
WP3834946	NUTLEY ST	Cl	8	20	1959						100	NO
WP3834947	NUTLEY ST	Cl	6	20	1959						100	NO
WP3834948	NUTLEY ST	Cl	6	20	1959						100	NO
WP3834949	NUTLEY ST	Cl	8	20	1959						100	NO
WP3834950	NUTLEY ST	Cl	8	20	1959						100	NO
WP3834951	NUTLEY ST	Cl	8	20	1959						100	NO
WP3834952	NUTLEY ST	Cl	8	20	1959						100	NO
WP3834953	NUTLEY ST	Cl	8	20	1959						100	NO
WP3834954	NUTLEY ST	Cl	8	20	1959						100	NO
WP3834955	GLENLYLE DR	Di	8	20	1978						75	NO
WP3834956	GLENLYLE DR	Di	8	748	1978						75	NO
WP3834957	GLENLYLE DR	Di	8	20	1978						75	NO

Pipe ID	Street Name	Material	Size	Length	Year of Street Construction	# Breaks	Dirty Water Complaint	Rehabilitation Year	Rehabilitation Method	Historic Action	Service Life	Exceeded Service Life Condition
WP3835008	FRONTAGE	CI	8	20	1972					100	NO	5
WP3835009	FRONTAGE	CI	8	158	1937					100	NO	5
WP3835010	CHAIN BRIDGE RD	CI	6	20	1937					100	NO	5
WP3835011	GLENYLE DR	DI	6	20	1978					75	NO	5
WP3835012	GLENYLE DR	DI	6	20	1978					75	NO	5
WP3835013	GLENYLE DR	DI	6	20	1978					75	NO	5
WP3835014	GLENYLE DR	DI	6	717	1978					75	NO	5
WP3835015	CHAIN BRIDGE RD	CI	8	172	1937					100	NO	5
WP3835017	COURTHOUSE RD	DI	8	20	1978					75	NO	5
WP3835018	PINE KNOT DR	DI	8	114	1978					75	NO	5
WP3835019	PINE KNOT DR	DI	4	20	1978					75	NO	5
WP3835020	PINE KNOT DR	DI	8	20	1978					75	NO	5
WP3835021	GRAND OAKS CT	DI	4	111	1978					75	NO	5
WP3835022	SCOTCH PINE CT	DI	4	20	1979					75	NO	5
WP3835023	SCOTCH PINE CT	DI	4	112	1979					75	NO	5
WP3835024	SCOTCH PINE CT	DI	4	20	1982					75	NO	5
WP3835025	SCOTCH PINE CT	DI	6	20	1982					75	NO	5
WP3835026	SCOTCH PINE CT	DI	6	20	1978					75	NO	5
WP3835027	SCOTCH PINE CT	DI	6	20	1978					75	NO	5
WP3835028	PINE KNOT DR	DI	6	20	1978					75	NO	5
WP3835029	SCOTCH PINE CT	DI	6	77	1979					75	NO	5
WP3835030	PINE CLUSTER CI	DI	6	181	1982					75	NO	5
WP3835031	PINE CLUSTER CI	DI	4	20	1982					75	NO	5
WP3835032	PINE CLUSTER CI	DI	4	80	1982					75	NO	5
WP3835033	PINE CLUSTER CI	DI	6	20	1982					75	NO	5
WP3835034	PINE CLUSTER CI	DI	6	57	1982					75	NO	5
WP3835035	PINE CLUSTER CI	DI	6	142	1982					75	NO	5
WP3835036	PINE KNOT DR	DI	8	256	1978					75	NO	5
WP3835037	COURTHOUSE RD	CI	8	20	1928					100	NO	5
WP3835038	WILD OLIVE CT	DI	8	20	1977					75	NO	5
WP3835039	WILD OLIVE CT	DI	4	20	1977					75	NO	5
WP3835040	WILD OLIVE CT	DI	4	20	1977					75	NO	5
WP3835041	WILD OLIVE CT	DI	4	240	1977					75	NO	5
WP3835042	WILD OLIVE CT	DI	8	20	1977					75	NO	5
WP3835043	WILD OLIVE CT	DI	8	20	1977					75	NO	5
WP3835044	WILD OLIVE CT	DI	8	58	1977					75	NO	5
WP3835045	APPLE BLOSSOM CT	CI	8	225	1928					100	NO	5
WP3835046	COURTHOUSE RD	CI	8	20	1928					100	NO	5
WP3835047	COURTHOUSE RD	CI	4	20	1928					100	NO	5
WP3835048	COURTHOUSE RD	CI	8	17	1928					100	NO	5
WP3835049	COURTHOUSE RD	CI	8	409	1928					100	NO	5
WP3835050	PLUM TREE CT	DI	4	20	1977					75	NO	5
WP3835051	PLUM TREE CT	DI	4	20	1977					75	NO	5
WP3835052	PLUM TREE CT	DI	8	20	1977					75	NO	5
WP3835053	PLUM TREE CT	DI	4	17	1977					75	NO	5
WP3835054	PLUM TREE CT	DI	4	241	1977					75	NO	5
WP3835055	PLUM TREE CT	DI	4	20	1977					75	NO	5
WP3835056	PLUM TREE CT	DI	4	171	1977					75	NO	5
WP3835057	PLUM TREE CT	DI	8	10	1977					75	NO	5
WP3835058	PLUM TREE CT	DI	8	10	1977					75	NO	5



Pipe ID	Street Name	Material	Size	Length	Year of Street Construction	# Breaks	Dirty Water Complaint	Rehabilitation Year	Rehabilitation Method	Historic Action	Service Life	Exceeded Service Life Condition
WP3835109	MENDON LA SW	DI	6	20	1988					75	NO	5
WP3835110	MENDON LA SW	DI	6	20	1988					75	NO	5
WP3835111	MENDON LA SW	DI	6	42	1988					75	NO	5
WP3835112	ROLAND ST SW	DI	8	20	1994					75	NO	5
WP3835113	ROLAND ST SW	DI	8	20	1994					75	NO	5
WP3835114	NUTLEY ST SW	DI	8	12	1994					75	NO	5
WP3835115	ROLAND ST SW	DI	8	86	1994					75	NO	5
WP3835116	ROLAND ST SW	DI	8	20	1994					75	NO	5
WP3835117	MENDON LA SW	DI	8	49	1988					75	NO	5
WP3835118	NUTLEY ST SW	DI	8	23	1994					75	NO	5
WP3835119	ROLAND ST SW	DI	8	25	1988					75	NO	5
WP3835120	ROLAND ST SW	DI	8	20	1994					75	NO	5
WP3835121	ROLAND ST SW	C	8	20	1900					120	NO	5
WP3835122	ROLAND ST SW	C	8	20	1900					120	NO	5
WP3835123	ROLAND ST SW	C	8	84	1994					75	NO	5
WP3835124	ROLAND ST SW	C	8	20	1994					75	NO	5
WP3835125	MILLWOOD CT	DI	8	256	1986					75	NO	5
WP3835126	WADE HAMPTON DR SW	C	8	204	1900					120	NO	2A
WP3835127	MAPLE AV W	C	8	20	1960					100	NO	5
WP3835128	WADE HAMPTON DR SW	C	8	20	1960					100	NO	5
WP3835129	MAPLE AV W	C	8	20	1900					120	NO	5
WP3835130	MAPLE AV W	C	8	20	1900					120	NO	5
WP3835131	MAPLE AV W	C	8	18	1900					120	NO	5
WP3835132	MAPLE AV W	C	8	17	1900					120	NO	5
WP3835133	MAPLE AV W	C	8	32	1900					120	NO	5
WP3835134	MAPLE AV W	C	12	65	1960					100	NO	5
WP3835135	MAPLE AV W	C	8	20	1900					120	NO	5
WP3835137	NUTLEY ST NW	C	12	28	1959					100	NO	5
WP3835138	MAPLE AV W	C	8	20	1960					100	NO	5
WP3835139	MAPLE AV W	C	8	20	1960					100	NO	5
WP3835140	MAPLE AV W	C	8	20	1960					100	NO	5
WP3835141	MAPLE AV W	C	8	20	1960					100	NO	5
WP3835142	MAPLE AV W	C	8	20	1960					100	NO	3A
WP3835143	MAPLE AV W	C	8	215	1937					100	NO	5
WP3835144	MAPLE AV W	C	8	20	1960					100	NO	5
WP3835145	MAPLE AV W	C	8	20	1960					100	NO	5
WP3835146	MAPLE AV	C	8	389	1960					100	NO	5
WP3835147	MAPLE AV W	C	8	448	1959					100	NO	5
WP3835148	MAPLE AV W	C	8	215	1937					100	NO	5
WP3835149	MAPLE AV W	C	8	20	1960					100	NO	5
WP3835150	LEWIS ST	C	8	20	1960					100	NO	5
WP3835151	LEWIS ST NW	C	6	20	1934					100	NO	5
WP3835152	LEWIS ST NW	C	6	20	1934					100	NO	5
WP3835153	MENDON LA	DI	8	608	1988					75	NO	5
WP3835154	MAPLE AV W	C	8	42	1960					100	NO	5
WP3835155	NUTLEY ST NW	C	8	7	1959					100	NO	5
WP3835156	MAPLE AV W	C	12	245	1960					100	NO	5
WP3835157	NUTLEY ST NW	C	12	44	1960					100	NO	5
WP3835158	NUTLEY ST NW	C	8	66	1960					100	NO	5
WP3835159	NUTLEY ST NW	C	8	35	1960					100	NO	5



Water Pipe Inventory

4/27/2011

Pipe ID	Street Name	Material	Size	Length	Year of Street Construction	# Breaks	Dirty Water Complaint	Rehabilitation Year	Rehabilitation Method	Historic Action	Service Life	Exceeded Service Life Condition
WP3835210	NUTLEY ST NW	CI	6	20	1969					100	NO	5
WP3835211	NUTLEY ST NW	CI	6	20	1969					100	NO	5
WP3835212	NUTLEY ST NW	CI	6	20	1969					100	NO	5
WP3835213	NUTLEY ST NW	CI	6	23	1969					100	NO	5
WP3835214	NUTLEY ST NW	CI	8	20	1959					100	NO	5
WP3835215	NUTLEY ST NW	CI	8	20	1959					100	NO	5
WP3835216	NUTLEY ST NW	CI	8	85	1959					100	NO	5
WP3835217	NUTLEY ST NW	CI	8	20	1959					100	NO	5
WP3835218	NUTLEY ST NW	CI	8	493	1959					100	NO	5
WP3835219	NUTLEY ST NW	CI	8	337	1959					100	NO	5
WP3835220	NUTLEY ST NW	CI	8	129	1959					100	NO	5
WP3835221	NUTLEY ST NW	CI	8	329	1969					100	NO	5
WP3835222	NUTLEY ST NW	CI	8	174	1969					100	NO	5
WP3835223	NUTLEY ST	CI	8	20	1959					100	NO	5
WP3835224	NUTLEY ST	CI	8	20	1959					100	NO	5
WP3835225	KNOLL ST NW	CI	6	402	1934					100	NO	5
WP3835226	JADE CT NW	CI	6	264	1969					100	NO	5
WP3835227	KNOLL ST NW	CI	6	20	1969					100	NO	5
WP3835228	KNOLL ST NW	CI	6	20	1969					100	NO	5
WP3835229	KNOLL ST NW	CI	6	20	1969					100	NO	5
WP3835230	KNOLL ST NW	CI	6	394	1969					100	NO	5
WP3835231	KNOLL ST NW	CI	6	151	1969					100	NO	5
WP3835232	PLEASANT ST NW	DI	6	214	1930					100	NO	5
WP3835233	LEMONTREE LA	CI	4	20	1971					100	NO	5
WP3835234	LEMONTREE LA	CI	4	207	1971					100	NO	5
WP3835235	WINDOVER AV NW	CI	6	240	1959					100	NO	5
WP3835236	WINDOVER AV NW	CI	6	373	1959					100	NO	5
WP3835237	NUTLEY ST	CI	6	356	1959					100	NO	5
WP3835238	GLENIGYLE DR	DI	6	609	1978					75	NO	5
WP3835239	CHAIN BRIDGE RD	CI	6	254	1937					100	NO	3A
WP3835240	GLENIGYLE DR	DI	6	56	1978					75	NO	5
WP3835241	GLENIGYLE DR	DI	6	276	1978					75	NO	5
WP3835242	GLENIGYLE DR	DI	6	134	1978					75	NO	5
WP3835243	MOOREFIELD RD SW	CI	8	428	1959					100	NO	5
WP3835244	ROBERTS DR	CI	3	28	1960					100	NO	5
WP3835245	MALCOLM RD	CI	12	1025	1969					100	NO	5
WP3835246	JAMES MADISON DR	CI	8	20	1959					100	NO	5
WP3835247	JAMES MADISON DR	CI	6	188	1960					100	NO	5
WP3835248	JAMES MADISON DR	CI	6	285	1959					100	NO	5
WP3835249	JAMES MADISON DR	CI	8	468	1959					100	NO	5
WP3835250	JAMES MADISON DR	CI	8	267	1959					100	NO	5
WP3835251	JAMES MADISON DR	CI	8	56	1959					100	NO	5
WP3835252	JAMES MADISON DR	CI	6	468	1959					100	NO	5
WP3835253	JAMES MADISON DR	CI	6	105	1978					75	NO	5
WP3835254	JAMES MADISON DR	CI	8	152	1959					100	NO	5
WP3835255	JAMES MADISON DR	CI	8	56	1959					100	NO	5
WP3835256	JAMES MADISON DR	CI	6	72	1958					100	NO	5
WP3835257	FLINT HILL RD	CI	6	270	1959					100	NO	5
WP3835258	FLINT HILL RD	CI	6	195	1958					100	NO	5
WP3835259	FLINT HILL RD	CI	6	88	1958					100	NO	5
WP3835260	FLINT HILL RD	CI	6	20	1958					100	NO	5



Pipe ID	Street Name	Material	Size	Length	Year of Street Construction	# Breaks	Dirty Water Complaint	Rehabilitation Year	Rehabilitation Method	Historic Action	Service Life	Exceeded Service Life	Condition
WP3835344	WHITECEDAR CT	CI	6	20	1972						100	NO	5
WP3835856	WHITECEDAR CT	CI	8	20	1972						100	NO	5
WF3835857	LEMONTREE LA	CI	8	577	1972						100	NO	5
WP3835858	WHITECEDAR CT	CI	6	20	1971						100	NO	5
WP3835859	WHITECEDAR CT	CI	6	20	1972						100	NO	5
WP3835860	WHITECEDAR CT	CI	6	447	1972						100	NO	5
WP3835861	PINE BOUGH PL	DI	4	20	1978						75	NO	5
WP3835862	PINE BOUGH PL	DI	4	115	1978						75	NO	5
WP3835863	MENDON LA SW	DI	6	20	1988						75	NO	5
WP3835864	MENDON LA SW	DI	6	218	1988						75	NO	5
WP3835865	ROLAND ST SW	DI	8	53	1994						75	NO	5
WP3835866	ROLAND ST SW	CI	8	295	1900						120	NO	5
WP3835867	ROLAND ST SW	DI	8	37	1994						75	NO	5
WP3835868	WADE HAMPTON DR SW	CI	6	20	1900						120	NO	5
WP3835869	MILLWOOD CT SW	CI	6	255	1900						120	NO	5
WP3835870	BABCOCK RD	CI	8	331	1967						100	NO	5
WP3835871	BABCOCK RD	CI	8	243	1967						100	NO	5
WP3835872	GLENIGYLE DR	DI	6	151	1978						75	NO	5
WP3835873	GLENIGYLE DR	DI	8	422	1978						75	NO	5
WP3835874	GLENIGYLE DR	DI	8	48	1978						75	NO	5
WP3835875	GLENIGYLE DR	DI	8	25	1978						75	NO	5
WP3835876	GLENIGYLE DR	DI	8	27	1978						75	NO	5
WP3835877	GLENIGYLE DR	DI	8	354	1978						75	NO	5
WP3835878	GLENIGYLE DR	DI	6	20	1978						75	NO	5
WP3835879	GLENIGYLE DR	DI	6	191	1978						75	NO	5
WP3835880	GLENIGYLE DR	DI	6	157	1978						75	NO	5
WP3835881	JAMES MADISON DR	CI	3	20	1959						100	NO	5
WP3835882	JAMES MADISON DR	CI	3	20	1959						100	NO	5
WP3835883	JAMES MADISON DR	CI	3	40	1959						100	NO	5
WP3835884	LEWIS ST NW	CI	6	93	1960						100	NO	3A
WP3835885	MAPLE AV W	CI	6	18	1960						100	NO	5
WP3835886	TANGLEVALE DR	CI	8	398	1969						100	NO	5
WP3835887	TANGLEVALE DR	CI	8	294	1970						100	NO	5
WP3835888	TANGLEVALE DR	CI	8	20	1969						100	NO	5
WP3835889	TANGLEVALE DR	CI	8	20	1969						100	NO	5
WP3835890	JERRY LA	CI	6	20	1970						100	NO	5
WP3835891	CAREY LA	CI	6	139	1970						100	NO	5
WP3835892	JERRY LA	CI	6	481	1970						100	NO	5
WP3835893	JERRY LA	CI	6	20	1970						100	NO	5
WP3835894	MALCOLM RD NW	CI	6	20	1960						100	NO	5
WP3835895	MALCOLM RD NW	CI	6	20	1960						100	NO	5
WP3835896	LEWIS ST NW	CI	6	631	1934						100	NO	5
WP3835897	LEWIS ST NW	CI	6	30	1934						100	NO	5
WP3835898	LEWIS ST NW	CI	6	20	1934						100	NO	5
WP3835899	ORCHARD ST NW	CI	6	20	1934						100	NO	5
WP3835900	LEWIS ST NW	DI	6	20	1990						75	NO	5
WP3835901	LEWIS ST NW	CI	6	30	1934						100	NO	5
WP3835902	ORCHARD ST NW	CI	6	257	1934						100	NO	5
WP3835903	ORCHARD ST NW	DI	6	102	1990						75	NO	5
WP3835904	ORCHARD ST NW	DI	6	279	1990						75	NO	5



Water Pipe Inventory

4/27/2011

Pipe ID	Street Name	Material	Size	Length	Year of Street Construction	# Breaks	Dirty Water Complaint	Rehabilitation Year	Rehabilitation Method	Historic Action	Service Life	Exceeded Service Life Condition
WP3841856	OWAISSA CT SE	CI	6	20	1969					100	NO	5
WP3841857	OWAISSA CT SE	CI	6	20	1969					100	NO	5
WP3841858	OWAISSA CT SE	CI	6	369	1935					100	NO	5
WP3841987	FELLINI CT SE	DI	6	20	1977					75	NO	5
WP3841988	FELLINI CT SE	DI	6	20	1977					75	NO	5
WP3841989	FELLINI CT SE	DI	4	20	1977					75	NO	5
WP3841990	FELLINI CT SE	DI	6	20	1977					75	NO	5
WP3841991	FELLINI CT SE	DI	4	20	1977					75	NO	5
WP3841993	TROY CT SE	DI	4	202	1977					75	NO	5
WP3841994	TROY CT SE	DI	4	20	1977					75	NO	5
WP3841995	FELLINI CT SE	DI	4	96	1977					75	NO	5
WP3841996	FELLINI CT SE	DI	4	20	1977					75	NO	5
WP3841997	NINOVAN RD SE	DI	6	20	1977					75	NO	5
WP3841998	NINOVAN RD SE	DI	6	20	1977					75	NO	5
WP3841999	NINOVAN RD SE	DI	6	40	1977					75	NO	5
WP3842000	NINOVAN RD SE	DI	6	20	1977					75	NO	5
WP3842001	NINOVAN RD SE	DI	6	20	1977					75	NO	5
WP3842002	NINOVAN RD SE	DI	6	323	1977					75	NO	5
WP3842003	TALAHİ RD SE	CI	6	4	1969					100	NO	5
WP3842004	TALAHİ RD SE	CI	6	4	1969					100	NO	5
WP3842005	TALAHİ RD SE	CI	8	20	1973					100	NO	5
WP3842006	TALAHİ RD SE	CI	6	20	1973					100	NO	5
WP3842007	TALAHİ RD SE	CI	6	21	1969					100	NO	5
WP3842008	TALAHİ RD SE	CI	6	20	1969					100	NO	5
WP3842009	TALAHİ RD SE	CI	6	20	1973					100	NO	5
WP3842010	TALAHİ RD SE	CI	6	20	1973					100	NO	5
WP3842011	TALAHİ RD SE	CI	6	20	1969					100	NO	5
WP3842012	TALAHİ RD SE	CI	6	7	1973					100	NO	5
WP3842013	NINOVAN RD SE	DI	6	416	1977					75	NO	5
WP3842014	NINOVAN RD SE	CI	2	20	1973					100	NO	5
WP3842015	NINOVAN RD SE	CI	2	243	1973					100	NO	5
WP3842016	TALAHİ RD SE	CI	4	146	1959					100	NO	5
WP3842017	TALAHİ RD SE	CI	8	20	1969					100	NO	5
WP3842018	TALAHİ RD SE	CI	8	80	1969					100	NO	5
WP3842019	TALAHİ CT SE	CI	8	20	1969					100	NO	5
WP3842020	TALAHİ RD SE	CI	8	373	1973					100	NO	5
WP3842025	GLYNDON ST SE	CI	6	36	1935					100	NO	5
WP3842026	GLYNDON ST SE	CI	6	35	1935					100	NO	5
WP3842027	GLYNDON ST SE	CI	6	20	1935					100	NO	5
WP3842028	GLYNDON ST SE	CI	8	20	1935					100	NO	5
WP3842029	GLYNDON ST SE	CI	6	20	1935					100	NO	5
WP3842030	TALAHİ RD SE	CI	6	292	1935					100	NO	5
WP3842031	MANVELL RD SE	CI	6	20	1935					100	NO	5
WP3842032	MANVELL RD SE	CI	8	20	1935					100	NO	5
WP3842033	MANVELL RD SE	CI	6	20	1935					100	NO	5
WP3842034	GLYNDON ST SE	CI	6	315	1935					100	NO	5



Pipe ID	Street Name	Material	Size	Length	Year of Street Construction	# Breaks	Dirty Water Complaint	Rehabilitation Year	Rehabilitation Method	Historic Action	Service Life	Exceeded Service Life	Condition
WP3842182	PARK ST SE	DI	8	20	1982						75	NO	5
WP3842183	PARK ST SE	DI	8	20	1977						75	NO	5
WP3842184	PARK ST SE	DI	8	20	1982						75	NO	5
WP3842185	MOORE AV SE	DI	8	20	1977						75	NO	5
WP3842186	PARK ST SE	DI	8	188	1982						75	NO	5
WP3842187	MARJORIE LA SE	DI	6	20	1977						75	NO	5
WP3842188	MARJORIE LA SE	C	6	20	1967						100	NO	5
WP3842189	MARJORIE LA SE	C	4	20	1967						100	NO	5
WP3842190	MARJORIE LA SE	C	4	191	1967						100	NO	5
WP3842191	MOORE AV SE	DI	6	322	1977						75	NO	5
WP3842192	MOORE AV SE	DI	6	20	1977						75	NO	5
WP3842193	MOORE AV SE	C	6	20	1963						100	NO	5
WP3842194	MOORE AV SE	C	6	20	1963						100	NO	5
WP3842195	MOORE AV SE	DI	6	40	1977						75	NO	5
WP3842196	MOORE AV SE	C	6	165	1967						100	NO	5
WP3842197	BATTLE ST SE	C	6	20	1963						100	NO	5
WP3842198	BATTLE ST SE	C	6	20	1963						100	NO	5
WP3842199	BATTLE ST SE	C	6	20	1974						100	NO	5
WP3842200	SPRING ST SE	C	6	1233	1963	1					100	NO	3A
WP3842201	WHISPERING WIND CT SE	DI	8	20	1982						75	NO	5
WP3842202	PARK ST SE	DI	8	170	1982						75	NO	5
WP3842203	WHISPERING WIND CT SE	DI	8	20	1982						75	NO	5
WP3842204	WHISPERING WIND CT SE	DI	8	48	1982						75	NO	5
WP3842205	WHISPERING WIND CT SE	DI	8	20	1982						75	NO	5
WP3842206	WHISPERING WIND CT SE	DI	8	20	1982						75	NO	5
WP3842207	WHISPERING WIND CT SE	DI	8	20	1982						75	NO	5
WP3842208	WHISPERING WIND CT SE	DI	8	20	1982						75	NO	5
WP3842209	WHISPERING WIND CT SE	DI	6	20	1977						75	NO	5
WP3842210	WHISPERING WIND CT SE	DI	6	20	1977						75	NO	5
WP3842211	WHISPERING WIND CT SE	DI	6	120	1977						75	NO	5
WP3842212	WHISPERING WIND CT SE	DI	6	20	1977						75	NO	5
WP3842213	WHISPERING WIND CT SE	DI	4	20	1977						75	NO	5
WP3842214	WHISPERING WIND CT SE	DI	4	286	1977						75	NO	5
WP3842215	MOORE AV SW	DI	8	20	1977						75	NO	5
WP3842216	MOORE AV SW	DI	8	20	1977						75	NO	5
WP3842217	MOORE AV SW	DI	8	20	1977						75	NO	5
WP3842218	MOORE AV SW	DI	8	20	1977						75	NO	5
WP3842219	PARK ST SE	C	8	38	1954						100	NO	5
WP3842220	PARK ST SE	C	8	20	1954						100	NO	5
WP3842221	PARK ST SE	DI	8	20	1982						75	NO	5
WP3842222	PARK ST SE	DI	8	40	1954						100	NO	5
WP3842223	ELMAR DR SE	DI	8	40	1954						100	NO	5
WP3842224	ELMAR DR SE	C	8	19	1982						75	NO	5
WP3842225	PARK ST SE	DI	8	20	1982						75	NO	5
WP3842226	ELMAR DR SE	DI	8	20	1982						75	NO	5
WP3842227	PARK ST SE	DI	8	9	1982						75	NO	5
WP3842228	PARK ST SE	C	8	20	1954						100	NO	5
WP3842229	PARK ST SE	DI	8	20	1982						75	NO	5
WP3842230	PARK ST SE	DI	8	20	1982						75	NO	5
WP3842231	PARK ST SE	DI	8	157	1982						75	NO	5

Pipe ID	Street Name	Material	Size	Length	Year of Street Construction	# Breaks	Dirty Water Complaint	Rehabilitation Year	Rehabilitation Method	Historic Action	Service Life	Exceeded Service Life	Condition
WP3842392	ELMAR DR SE	CI	6	56	1954					100	NO	5	
WP3842393	ELMAR DR SE	CI	6	20	1954					100	NO	5	
WP3842394	ELAINE CI SE	CI	6	158	1954					100	NO	5	
WP3842395	ELMAR DR SE	CI	6	426	1954					100	NO	5	
WP3842396	CHARLES CI SW	CI	6	62	1955					100	NO	3A	
WP3842397	CHARLES CI SW	CI	6	20	1954					100	NO	5	
WP3842398	CHARLES CI SW	CI	6	20	1954					100	NO	5	
WP3842399	CHARLES CI SW	CI	6	20	1954					100	NO	5	
WP3842400	CHARLES CI SW	CI	6	143	1955					100	NO	5	
WP3842401	ELMAR DR	CI	6	313	1954					100	NO	5	
WP3842402	TAPAWINGO RD SE	CI	6	20	1955					100	NO	5	
WP3842403	TAPAWINGO RD SE	CI	6	20	1955					100	NO	5	
WP3842404	TAPAWINGO RD SE	CI	6	363	1955	2				2001	Relining		
WP3842405	TAPAWINGO RD SE	CI	6	20	1955					2001	Relining		
WP3842406	TAPAWINGO RD SE	CI	6	20	1955					2001	Relining		
WP3842407	LULLABY LA SE	CI	6	20	1955					100	NO	5	
WP3842408	TAPAWINGO RD SE	CI	6	20	1955					100	NO	5	
WP3842409	LULLABY LA SE	CI	6	20	1955					100	NO	5	
WP3842410	TAPAWINGO RD SE	CI	6	338	1952					100	NO	5	
WP3842411	DESALE ST SW	CI	6	20	1955					100	NO	5	
WP3842412	DESALE ST SW	CI	6	20	1955					100	NO	5	
WP3842413	DESALE ST SW	CI	6	20	1955					100	NO	5	
WP3842414	DESALE ST SW	CI	6	20	1955					100	NO	5	
WP3842415	DESALE ST SW	CI	6	20	1955					100	NO	5	
WP3842416	DESALE ST SW	CI	6	20	1955					100	NO	5	
WP3842417	TAPAWINGO RD SW	CI	6	20	1955					100	NO	5	
WP3842418	TAPAWINGO RD SW	CI	6	20	1955					100	NO	5	
WP3842419	TAPAWINGO RD SW	CI	6	282	1955					2001	Relining		
WP3842420	TAPAWINGO RD SW	CI	6	358	1961					2001	Relining		
WP3842421	ELMAR DR SW	CI	6	20	1961					100	NO	5	
WP3842422	ELMAR DR SW	CI	6	20	1961					100	NO	5	
WP3842423	ELMAR DR SW	CI	6	20	1961					100	NO	5	
WP3842424	DESALE ST SW	CI	6	303	1955					100	NO	5	
WP3842425	DESALE ST SW	CI	6	20	1961					100	NO	5	
WP3842426	DESALE ST SW	CI	6	20	1961					100	NO	5	
WP3842427	DESALE ST SW	CI	6	377	1961					100	NO	5	
WP3842428	DESALE ST SW	CI	6	20	1961					100	NO	5	
WP3842429	DESALE ST SW	CI	6	20	1961					100	NO	5	
WP3842430	DESALE ST SW	CI	6	75	1952					2001	Relining		
WP3842431	WOODVIEW CI SW	CI	6	20	1961					100	NO	5	
WP3842432	DESALE ST SW	CI	6	18	1961					100	NO	5	
WP3842433	DESALE ST SW	CI	6	20	1961					100	NO	5	
WP3842434	WOODVIEW CI SW	CI	6	178	1952					100	NO	5	
WP3842435	DESALE ST SW	CI	6	372	1961					100	NO	5	
WP3842436	DESALE ST SW	CI	6	142	1961					100	NO	5	
WP3842437	PLUM ST SW	CI	6	20	1955					100	NO	5	
WP3842438	PLUM ST SW	CI	6	20	1955					100	NO	5	
WP3842439	SYMPHONY CI SW	CI	6	60	1952					2001	Relining		
WP3842440	SYMPHONY CI SW	CI	6	20	1952					2001	Relining		
WP3842441	SYMPHONY CI SW	CI	6	20	1952					100	NO	5	



Pipe ID	Street Name	Material	Size	Length	Year of Street Construction	# Breaks	Dirty Water Complaint	Rehabilitation Year	Rehabilitation Method	Historic Action	Service Life	Exceeded Service Life	Condition
WP3842494	PARK ST SE	DI	8	20	1982					75	NO	5	
WP3842495	PARK ST SE	DI	8	20	1982					75	NO	5	
WP3842496	PARK ST SE	DI	8	20	1982					75	NO	5	
WP3842497	PARK ST SE	DI	8	224	1982					75	NO	5	
WP3842498	KINGSLY RD SE	CI	8	20	1952					100	NO	5	
WP3842499	KINGSLY RD SE	CI	8	20	1952					100	NO	5	
WP3842500	KINGSLY RD SE	CI	8	644	1952					100	NO	5	
WP3842501	DESALE ST SW	CI	8	10	1961					100	NO	5	
WP3842502	DESALE ST SW	CI	8	20	1961					100	NO	5	
WP3842503	DESALE ST SW	CI	8	20	1961					100	NO	5	
WP3842504	DESALE ST SW	CI	8	20	1952					100	NO	5	
WP3842505	DESALE ST SW	CI	8	20	1952					100	NO	5	
WP3842506	KINGSLY RD SE	CI	8	20	1952					100	NO	5	
WP3842507	KINGSLY RD SE	CI	8	574	1952					100	NO	5	
WP3842509	KINGSLY RD SW	CI	8	20	1952					100	NO	5	
WP3842511	HARMONY DR SW	CI	6	20	1953					100	NO	5	
WP3842512	HARMONY DR SW	CI	6	20	1953					100	NO	5	
WP3842513	HARMONY DR SW	CI	6	20	1953					100	NO	5	
WP3842514	HARMONY DR SW	CI	6	20	1953					100	NO	5	
WP3842515	HARMONY DR SW	CI	6	20	1955					100	NO	5	
WP3842516	HARMONY DR SW	CI	6	20	1955					100	NO	5	
WP3842517	HARMONY DR SW	CI	6	69	1953					100	NO	5	
WP3842518	HARMONY DR SW	CI	6	329	1953					100	NO	5	
WP3842519	PLUM1 ST SW	CI	6	409	1955					100	NO	5	
WP3842520	BATTLE CT SE	DI	6	20	1982					75	NO	5	
WP3842521	BATTLE CT SE	CI	6	20	1974					100	NO	5	
WP3842522	BATTLE CT SE	CI	6	20	1974					100	NO	5	
WP3842523	BATTLE CT SE	CI	3	20	1974					100	NO	5	
WP3842524	BATTLE CT SE	DI	6	132	1982					75	NO	5	
WP3842525	PARK ST SE	DI	8	143	1982					75	NO	5	
WP3842526	PARK ST SE	DI	8	20	1982					75	NO	5	
WP3842527	PARK ST SE	DI	8	44	1982					75	NO	5	
WP3842528	PARK ST SE	DI	8	141	1982					75	NO	5	
WP3842529	PARK ST SE	CI	8	20	1968					100	NO	5	
WP3842530	PARK ST SE	DI	8	20	1982					75	NO	5	
WP3842531	PARK ST SE	CI	8	20	1968					100	NO	5	
WP3842532	PARK ST SE	CI	6	20	1982					100	NO	5	
WP3842533	PARK ST SE	CI	6	45	1982					100	NO	5	
WP3842534	PARK ST SE	DI	8	20	1982					100	NO	5	
WP3842535	PARK ST SE	CI	8	20	1968					100	NO	5	
WP3842536	CHERRY ST SE	CI	6	20	1968					100	NO	5	
WP3842537	CHERRY ST	CI	6	20	1968					100	NO	5	
WP3842538	CHERRY ST	CI	2	20	1968					75	NO	5	
WP3842539	CHERRY ST	CI	6	20	1968					100	NO	5	
WP3842540	CHERRY ST	CI	2	300	1968					100	NO	5	
WP3842541	CHERRY ST	CI	6	20	1968					100	NO	5	
WP3842542	PARK ST SE	DI	8	269	1982					75	NO	5	
WP3842543	PARK ST SE	DI	8	20	1982					75	NO	5	
WP3842544	PARK ST SE	DI	8	47	1982					75	NO	5	
WP3842545	PARK ST SE	DI	8	20	1982					75	NO	5	



Water Pipe Inventory

4/27/2011

Pipe ID	Street Name	Material	Size	Length	Year of Street Construction	# Breaks	Dirty Water Complaint	Rehabilitation Year	Rehabilitation Method	Historic Action	Service Life	Exceeded Service Life	Condition
WP3843340	LOCUST ST SE	CI	6	330	1973	1					100	NO	3A
WP3843448	LOCUST ST	CI	4	343	1973						100	NO	5
WP3843449	LOCUST ST SE	CI	6	48	1973						100	NO	5
WP3843450	LOCUST ST SE	CI	6	20	1973						100	NO	5
WP3843451	LOCUST ST SE	CI	6	36	1973						100	NO	5
WP3843452	LOCUST ST SE	CI	6	257	1973						100	NO	5
WP3843453	LOCUST ST SE	DI	8	20	1982						75	NO	5
WP3843454	LOCUST ST SE	DI	8	52	1982						75	NO	5
WP3843455	LOCUST ST SE	DI	8	20	1982						75	NO	5
WP3843456	LOCUST ST SE	DI	8	41	1982						75	NO	5
WP3843457	LOCUST ST SE	DI	8	20	1982						75	NO	5
WP3843458	LOCUST ST SE	DI	8	86	1982						75	NO	5
WP3843459	LOCUST ST SE	DI	8	20	1982						75	NO	5
WP3843460	PARK ST SE	DI	8	179	1982						75	NO	5
WP3843461	PARK ST SE	DI	8	250	1982						75	NO	5
WP3843462	PARK ST SE	DI	8	124	1982						75	NO	5
WP3843463	MILL ST SE	CI	6	20	1970						100	NO	5
WP3843464	CHERRY ST SE	CI	6	235	1968						100	NO	5
WP3843465	MILL ST	CI	6	20	1970						100	NO	5
WP3843466	MILL ST	CI	6	20	1970						100	NO	5
WP3843467	MILL ST	CI	6	170	1970						100	NO	5
WP3843468	BATTLE ST	CI	6	20	1974						100	NO	5
WP3843469	CENTER ST	CI	6	20	1966						100	NO	5
WP3843470	CENTER ST	CI	6	20	1966						100	NO	5
WP3843471	MILL ST	CI	6	338	1970						100	NO	5
WP3843472	CENTER ST	CI	4	227	1966						100	NO	5
WP3843473	BATTLE ST	CI	6	424	1974						100	NO	5
WP3843474	BATTLE ST SW	CI	8	8	1974						100	NO	5
WP3843475	BATTLE ST SW	CI	6	20	1974						100	NO	3A
WP3843476	BATTLE ST SW	CI	6	20	1966						100	NO	5
WP3843477	BATTLE ST SW	CI	6	20	1974						100	NO	5
WP3843478	BATTLE ST SW	CI	6	20	1974						100	NO	5
WP3843479	BATTLE ST SW	CI	6	20	1974						100	NO	5
WP3843480	BATTLE ST SE	CI	6	433	1966						100	NO	5
WP3843481	CENTER ST S	CI	6	20	1963						100	NO	5
WP3843482	CENTER ST S	CI	6	20	1963						100	NO	5
WP3843483	CENTER ST S	CI	6	20	1963						100	NO	5
WP3843484	CENTER ST S	CI	6	10	1963						100	NO	5
WP3843485	CHERRY ST SE	CI	6	8	127						100	NO	5
WP3843486	CHERRY ST SE	CI	6	20	1968						100	NO	5
WP3843487	CHERRY ST SE	CI	6	63	1966						100	NO	5
WP3843488	CENTER ST S	CI	6	20	1966						100	NO	5
WP3843489	CENTER ST S	CI	8	127	1963						100	NO	5
WP3843490	CENTER ST S	CI	8	20	1966						100	NO	5
WP3843491	CENTER ST	CI	8	161	1966						100	NO	5
WP3843492	CENTER ST S	CI	8	85	1966						100	NO	5
WP3843493	CENTER ST S	CI	8	20	1966						100	NO	5
WP3843494	CENTER ST S	CI	8	20	1966						100	NO	5
WP3843495	CENTER ST S	CI	8	270	1966						100	NO	5
WP3843496	LOCUST ST SW	CI	8	28	1973						100	NO	5



Pipe ID	Street Name	Material	Size	Length	Year of Street Construction	# Breaks	Dirty Water Complaint	Rehabilitation Year	Rehabilitation Method	Historic Action	Service Life	Exceeded Service Life	Condition
WP3843547	CENTER ST S	CI	8	431	1974						100	NO	5
WP3843548	DOGWOOD ST SW	CI	6	41	1968						100	NO	5
WP3843549	DOGWOOD ST SW	CI	6	20	1968						100	NO	5
WP3843550	DOGWOOD ST SW	CI	6	307	1968						100	NO	5
WP3843551	DOGWOOD ST SW	CI	6	347	1968						100	NO	5
WP3843552	CENTER ST S	CI	6	20	1970						100	NO	5
WP3843553	CENTER ST S	CI	6	20	1970						100	NO	5
WP3843554	CENTER ST S	CI	6	20	1970						100	NO	5
WP3843555	OAK ST SW	CI	6	20	1970						100	NO	5
WP3843556	CENTER ST S	CI	8	423	1968						100	NO	5
WP3843557	OAK ST SW	CI	6	20	1970						100	NO	5
WP3843558	OAK ST SW	CI	6	20	1970						100	NO	5
WP3843559	OAK ST SW	CI	6	293	1970						100	NO	5
WP3843560	CENTER ST S	CI	8	466	1970	1					100	NO	3A
WP3843561	CHERRY ST SE	CI	6	20	1968						100	NO	5
WP3843562	CHERRY ST SE	CI	6	105	1968						100	NO	5
WP3843563	CHERRY ST SE	CI	6	16	1968						100	NO	5
WP3843564	CHERRY ST SE	CI	6	40	1968						100	NO	5
WP3843565	CHERRY ST SE	CI	6	164	1968						100	NO	5
WP3843566	CHERRY ST SE	CI	6	20	1968						100	NO	5
WP3843567	CHERRY ST SE	CI	6	20	1968						100	NO	5
WP3843568	CHERRY ST SE	CI	3	20	1968						100	NO	5
WP3843569	CHERRY ST	CI	3	164	1968						100	NO	5
WP3843570	CHERRY ST SE	CI	6	294	1968						100	NO	5
WP3843571	COTTAGE ST SW	CI	6	11	1973						100	NO	5
WP3843572	COTTAGE ST SW	CI	6	20	1973						100	NO	5
WP3843573	COTTAGE ST SW	CI	6	20	1973						100	NO	5
WP3843574	COTTAGE ST SW	CI	4	20	1962						100	NO	5
WP3843575	LOCUST ST SW	CI	4	215	1962						100	NO	5
WP3843576	COTTAGE ST SW	CI	6	348	1968						100	NO	5
WP3843577	LOCUST ST SW	CI	6	20	1973						100	NO	5
WP3843578	LOCUST ST SW	CI	6	20	1973						100	NO	5
WP3843579	LOCUST ST SW	CI	6	410	1973						100	NO	5
WP3843580	LOCUST ST SW	CI	6	131	1973						100	NO	5
WP3843581	COTTAGE ST SW	CI	6	20	1955						100	NO	5
WP3843582	COTTAGE ST SW	CI	6	20	1955						100	NO	5
WP3843583	COTTAGE ST SW	CI	6	20	1962						100	NO	5
WP3843584	COTTAGE ST SW	CI	6	20	1962						100	NO	5
WP3843585	COTTAGE ST SW	CI	6	37	1955						100	NO	5
WP3843586	COTTAGE ST SW	CI	6	286	1955						100	NO	5
WP3843587	OUTLET	CI	6	20	1968						100	NO	5
WP3843588	OUTLET	CI	6	20	1968						100	NO	5
WP3843589	COTTAGE ST SW	CI	6	133	1968						100	NO	5
WP3843590	OUTLET	CI	6	234	1968						100	NO	5
WP3843591	OUTLET	CI	6	84	1968						100	NO	5
WP3843592	OUTLET	CI	6	247	1968						100	NO	5
WP3843593	MAPLE AV	CI	6	20	1960						100	NO	5
WP3843594	COURTHOUSE RD	CI	6	325	1928						100	NO	5
WP3843595	COURTHOUSE RD SW	CI	6	28	1968						100	NO	5
WP3843596	COURTHOUSE RD SW	CI	6	20	1928						100	NO	5



Pipe ID	Street Name	Material	Size	Length	Year of Street Construction	# Breaks	Dirty Water Complaint	Rehabilitation Year	Rehabilitation Method	Historic Action	Service Life	Exceeded Service Life	Condition
WP3843647	CENTER ST	CI	6	20	1966					100	NO	5	
WP3843648	CENTER ST N	CI	2	20	1966					100	NO	5	
WP3843649	CENTER ST N	CI	6	263	1966					100	NO	5	
WP3843650	LAWYERS RD NW	CI	6	20	1958					100	NO	5	
WP3843651	LAWYERS RD NW	CI	6	20	1958					100	NO	5	
WP3843652	LAWYERS RD NW	CI	6	274	1958					100	NO	5	
WP3843653	LAWYERS RD NW	CI	6	105	1976					100	NO	5	
WP3843654	LAWYERS RD NW	CI	6	99	1958					100	NO	5	
WP3843655	WALNUT LA NW	CI	6	20	1958					100	NO	5	
WP3843656	WALNUT LA NW	CI	6	20	1958					100	NO	5	
WP3843657	WALNUT LA NW	CI	6	20	1958					100	NO	5	
WP3843658	WALNUT LA NW	CI	6	20	1958					100	NO	5	
WP3843659	LAWYERS RD NW	CI	6	204	1958					100	NO	5	
WP3843664	SHORT ST NW	CI	12	20	1930					100	NO	5	
WP3843665	SHORT ST NW	CI	12	20	1930					100	NO	5	
WP3843666	LAWYERS RD	CI	12	867	1958					100	NO	5	
WP3843667	PLEASANT ST NW	CI	12	40	1952					100	NO	5	
WP3843668	CHURCH ST NW	CI	12	20	1952					100	NO	5	
WP3843669	PLEASANT ST NW	DI	12	37	1952					100	NO	5	
WP3843670	CHURCH ST NW	CI	6	20	1960					100	NO	5	
WP3843671	CHURCH ST NW	CI	6	20	1960					100	NO	5	
WP3843672	CHURCH ST NW	CI	6	20	1960					100	NO	5	
WP3843673	CHURCH ST NW	CI	8	292	1952					100	NO	5	
WP3843674	PLEASANT ST NW	CI	8	9	1952					100	NO	5	
WP3843675	PLEASANT ST NW	DI	6	20	1960					100	NO	5	
WP3843676	PLEASANT ST NW	DI	6	20	1952					100	NO	5	
WP3843677	PLEASANT ST NW	CI	8	20	1952					100	NO	5	
WP3843678	MAPLE AV W	CI	8	54	1952					100	NO	5	
WP3843679	MAPLE AV W	CI	8	20	1960					100	NO	5	
WP3843680	MAPLE AV W	CI	8	20	1960					100	NO	5	
WP3843681	PLEASANT ST NW	DI	12	20	1952					100	NO	5	
WP3843682	PLEASANT ST NW	DI	6	88	1952					100	NO	5	
WP3843683	PLEASANT ST NW	DI	12	281	1952					100	NO	5	
WP3843684	MAPLE AV W	CI	8	20	1960					100	NO	5	
WP3843685	MAPLE AV W	CI	8	20	1960					100	NO	5	
WP3843686	MAPLE AV W	CI	8	371	1960	1				100	NO	3A	
WP3843687	PLEASANT ST NW	CI	8	20	1952					100	NO	5	
WP3843688	PLEASANT ST NW	CI	6	20	1952					100	NO	5	
WP3843689	PLEASANT ST NW	CI	6	79	1952					100	NO	5	
WP3843690	PLEASANT ST SW	DI	6	71	1952					100	NO	5	
WP3843691	PLEASANT ST SW	CI	6	20	1952					100	NO	5	
WP3843692	PLEASANT ST SW	CI	6	20	1952					100	NO	5	
WP3843693	PLEASANT ST SW	DI	6	416	1952					100	NO	5	
WP3843694	PLEASANT ST SW	DI	6	20	1952					100	NO	5	
WP3843695	PLEASANT ST SW	DI	4	20	1952					100	NO	5	
WP3843696	SURVEYORS CT SW	DI	4	159	1952					100	NO	5	
WP3843697	SURVEYORS CT SW	DI	4	20	1974					100	NO	5	
WP3843698	PLEASANT ST SW	DI	6	229	1952					100	NO	5	
WP3843699	COURTHOUSE RD SW	DI	6	20	1952					100	NO	5	
WP3843700	COURTHOUSE RD SW	DI	6	20	1952					100	NO	5	



Pipe ID	Street Name	Material	Size	Length	Year of Street Construction	# Breaks	Dirty Water Complaint	Rehabilitation Year	Rehabilitation Method	Historic Action	Service Life	Exceeded Condition
WP3843751	PLUM ST SW	CI	6	20	1955					100	NO	5
WP3843752	PLUM ST SW	CI	6	20	1955					100	NO	5
WP3843753	PLUM ST SW	CI	6	20	1955					100	NO	5
WP3843754	TAPAWINGO RD SW	CI	6	265	1955					100	NO	5
WP3843755	PLUM ST SW	CI	6	450	1955					100	NO	5
WP3843756	TAPAWINGO RD SW	CI	6	378	1955					100	NO	5
WP3843757	ELMAR DR SW	CI	6	275	1961					100	NO	5
WP3843758	OAK ST SW	CI	6	20	1962					100	NO	5
WP3843759	OAK ST SW	CI	6	20	1970					100	NO	5
WP3843760	OAK ST SW	CI	6	20	1970					100	NO	5
WP3843761	OAK ST SW	CI	6	20	1970					100	NO	5
WP3843762	OAK ST SW	CI	6	20	1970					100	NO	5
WP3843763	OAK ST SW	CI	6	20	1970					100	NO	5
WP3843764	OAK ST SW	CI	6	362	1970					100	NO	5
WP3843765	COTTAGE ST SW	CI	6	422	1968					100	NO	5
WP3843766	PLUM1 ST SW	CI	6	20	1974					100	NO	5
WP3843767	PLUM1 ST SW	CI	6	20	1974					100	NO	5
WP3843768	PLUM ST SW	CI	6	20	1955					100	NO	5
WP3843769	PLUM ST SW	CI	6	20	1974					100	NO	5
WP3843770	PLUM1 ST SW	CI	6	20	1974					100	NO	5
WP3843771	BATTLE ST SW	CI	6	366	1974					100	NO	5
WP3843772	BIRCH ST SW	CI	6	20	1954					100	NO	5
WP3843773	BIRCH ST SW	CI	6	20	1954					100	NO	5
WP3843774	BIRCH ST SW	CI	6	472	1974					100	NO	5
WP3843775	BIRCH ST SW	CI	6	20	1954					100	NO	5
WP3843776	BIRCH ST SW	CI	6	20	1970					100	NO	5
WP3843777	BIRCH ST SW	CI	6	20	1970					100	NO	5
WP3843778	BIRCH ST SW	CI	6	40	1954					100	NO	5
WP3843779	BIRCH ST SW	CI	6	292	1954					100	NO	5
WP3843780	BIRCH ST SW	CI	6	76	1954					100	NO	5
WP3843781	BIRCH ST SW	CI	6	20	1955					100	NO	5
WP3843782	PLUM1 ST SW	CI	6	20	1955					100	NO	5
WP3843783	BIRCH ST SW	CI	6	323	1954					100	NO	5
WP3843784	PLUM1 ST SW	CI	6	20	1955					100	NO	5
WP3843785	PLUM1 ST SW	CI	6	20	1955					100	NO	5
WP3843786	PLUM1 ST SW	CI	6	20	1955					100	NO	5
WP3843787	PLUM1 ST SW	CI	6	20	1955					100	NO	5
WP3843788	PLUM1 ST SW	CI	6	20	1955					100	NO	5
WP3843789	PLUM1 ST SW	CI	6	56	1955					100	NO	5
WP3843790	PLUM1 ST SW	CI	6	465	1955					100	NO	5
WP3843791	HILLCREST DR SW	CI	8	20	1955					100	NO	5
WP3843792	HILLCREST DR SW	CI	8	8	1954					100	NO	5
WP3843793	HILLCREST DR SW	CI	4	20	1955					100	NO	5
WP3843794	HILLCREST DR SW	CI	8	20	1955					100	NO	5
WP3843795	PLUM1 ST SW	CI	6	20	1955					100	NO	5
WP3843796	PLUM1 ST SW	CI	8	36	1955					100	NO	5
WP3843797	PLUM1 ST SW	CI	8	20	1962					100	NO	5
WP3843798	PLUM1 ST SW	CI	8	20	1962					100	NO	5
WP3843799	PLUM1 ST SW	CI	6	20	1962					100	NO	5
WP3843800	PLUM1 ST SW	CI	8	20	1955					100	NO	5



Water Pipe Inventory

4/27/2011

Pipe ID	Street Name	Material	Size	Length	Year of Street Construction	# Breaks	Dirty Water Complaint	Rehabilitation Year	Rehabilitation Method	Historic Action	Service Life	Exceeded Service Life	Condition
WP3843851	FREDERICK ST SW	CI	8	50	1955						100	NO	5
WP3843852	FREDERICK ST SW	CI	8	123	1955						100	NO	5
WP3843853	FREDERICK ST SW	CI	8	20	1955						100	NO	5
WP3843854	TAPAWINGO RD SW	CI	8	147	1955						100	NO	5
WP3843855	FREDERICK ST SW	CI	8	20	1955						100	NO	5
WP3843856	FREDERICK ST SW	CI	8	20	1955						100	NO	5
WP3843857	TAPAWINGO RD SW	CI	8	173	1955						100	NO	5
WP3843858	FREDERICK ST SW	CI	8	380	1955						100	NO	5
WP3843866	COTTAGE ST SW	CI	8	20	1962						100	NO	5
WP3843867	COTTAGE ST SW	CI	8	20	1962						100	NO	5
WP3843868	COTTAGE ST SW	CI	8	447	1962						100	NO	5
WP3843869	COTTAGE ST SW	CI	8	431	1962						100	NO	5
WP3843870	OAK ST SW	CI	6	382	1962						100	NO	5
WP3843871	COTTAGE ST SW	DI	8	20	1977						75	NO	5
WP3843872	COTTAGE ST SW	CI	8	20	1962						100	NO	5
WP3843873	COTTAGE ST SW	CI	8	20	1962						100	NO	5
WP3843874	COTTAGE ST SW	DI	8	20	1977						75	NO	5
WP3843875	COTTAGE ST SW	DI	8	20	1977						75	NO	5
WP3843876	COTTAGE ST SW	DI	8	21	1977						75	NO	5
WP3843877	COTTAGE ST SW	DI	6	366	1977						75	NO	5
WP3843878	COTTAGE ST SW	CI	8	271	1955	1					100	NO	3A
WP3843879	PLUM ST SW	CI	6	20	1955						100	NO	5
WP3843880	PLUM ST SW	CI	6	20	1955						100	NO	5
WP3843881	PLUM ST SW	CI	6	446	1955						100	NO	5
WP3843882	PLUM ST SW	CI	6	442	1955						100	NO	3A
WP3843883	TAPAWINGO RD SW	CI	6	195	1955						100	NO	5
WP3843884	MOORE AV SW	CI	8	20	1961						100	NO	5
WP3843885	MOORE AV SW	CI	8	20	1961						100	NO	5
WP3843886	MOORE AV SW	CI	6	20	1961						100	NO	5
WP3843887	MOORE AV SW	CI	6	20	1961						100	NO	5
WP3843888	MOORE AV SW	CI	6	407	1977						75	NO	5
WP3843889	DEALE ST SW	CI	6	431	1961						100	NO	1A
WP3843890	FREDERICK ST SW	CI	8	36	1955						100	NO	5
WP3843891	FREDERICK ST SW	CI	8	20	1955						100	NO	5
WP3843892	FREDERICK ST SW	DI	8	344	1980						75	NO	5
WP3843893	FREDERICK ST SW	CI	8	18	1954						100	NO	5
WP3843894	FREDERICK ST SW	CI	8	20	1955						100	NO	5
WP3843895	FREDERICK ST SW	CI	6	20	1955						100	NO	5
WP3843896	FREDERICK ST SW	CI	8	433	1955						100	NO	5
WP3843897	MEADOW LA SW	CI	8	8	207						100	NO	5
WP3843898	NANTERRY CI SW	CI	4	20	1954						100	NO	5
WP3843899	NANTERRY CI SW	CI	4	215	1954						100	NO	5
WP3843900	NANTERRY CI SW	CI	4	197	1955						100	NO	5
WP3843901	NANTERRY CI SW	CI	8	20	1954						100	NO	5
WP3843902	MEADOW LA SW	CI	8	67	1954						100	NO	5
WP3843903	NANTERRY CI SW	CI	8	297	1954						100	NO	5
WP3843904	HILLCREST DR SW	CI	4	197	1955						100	NO	5
WP3843905	PLUM ST SW	CI	6	397	1963						100	NO	5
WP3843906	GLEN AV SW	CI	6	20	1928						100	NO	5
WP3843907	GLEN AV SW	CI	6	20	1946						100	NO	5



Water Pipe Inventory

4/27/2011

Pipe ID	Street Name	Material	Size	Length	Year of Street Construction	# Breaks	Dirty Water Complaint	Rehabilitation Year	Rehabilitation Method	Historic Action	Service Life	Exceeded Condition
WP3843959	MEADOW LA SW	CI	6	268	1967					100	NO	5
WP3843960	STEPHEN CI SW	CI	6	20	1957					100	NO	5
WP3843961	STEPHEN CI SW	CI	6	20	1957					100	NO	5
WP3843962	STEPHEN CI SW	CI	6	89	1957					100	NO	2A
WP3843963	STEPHEN CI SW	CI	6	387	1957	2				100	NO	3A
WP3843964	THELMA CI SW	CI	4	299	1957					100	NO	5
WP3843965	MEADOW LA SW	CI	6	20	1954					100	NO	5
WP3843966	MEADOW LA SW	CI	6	20	1954					100	NO	5
WP3843967	MEADOW LA SW	CI	6	20	1957					100	NO	5
WP3843968	GIBSON DR SW	CI	6	20	1957					100	NO	5
WP3843969	GIBSON DR SW	CI	6	20	1957					100	NO	5
WP3843970	MEADOW LA SW	CI	6	529	1954					100	NO	5
WP3843971	GIBSON DR SW	CI	6	20	1957					100	NO	5
WP3843972	GIBSON DR SW	CI	6	20	1957					100	NO	5
WP3843973	GIBSON DR SW	CI	6	20	1957					100	NO	5
WP3843974	GIBSON DR SW	CI	4	20	1957					100	NO	5
WP3843975	GIBSON DR SW	CI	6	400	1957					100	NO	5
WP3843976	GIBSON DR SW	CI	6	377	1967					100	NO	5
WP3843977	GIBSON DR SW	CI	6	20	1967					100	NO	5
WP3843978	GIBSON DR SW	CI	6	20	1967					100	NO	5
WP3843979	GIBSON DR SW	CI	6	20	1957					100	NO	5
WP3843980	GIBSON DR SW	CI	6	20	1967					100	NO	5
WP3843981	GIBSON DR SW	CI	6	20	1967					100	NO	5
WP3843982	GIBSON DR SW	CI	6	20	1967					100	NO	5
WP3843983	WARE ST SW	CI	6	360	1957					100	NO	5
WP3843984	GIBSON DR SW	CI	6	20	1957					100	NO	5
WP3843985	GIBSON DR SW	CI	6	20	1957					100	NO	5
WP3843986	GIBSON DR SW	CI	4	75	1957					100	NO	3A
WP3843987	GIBSON DR SW	CI	6	20	1957					100	NO	5
WP3843988	WARE ST SW	CI	6	437	1957					100	NO	5
WP3843989	WARE ST SW	CI	6	42	1980					75	NO	5
WP3843990	WARE ST SW	CI	6	20	1967					100	NO	5
WP3843991	WARE ST SW	CI	6	20	1967					100	NO	5
WP3843992	WARE ST SW	DI	6	20	1980					75	NO	5
WP3843993	WARE ST SW	DI	6	20	1980					75	NO	5
WP3843994	WARE ST SW	CI	6	432	1967					100	NO	5
WP3843995	RIDGE RD SW	DI	6	20	1980					75	NO	5
WP3843996	RIDGE RD SW	CI	6	20	1980					75	NO	5
WP3843997	RIDGE RD SW	CI	6	250	1955					100	NO	5
WP3843998	RIDGE RD SW	CI	6	465	1980					75	NO	5
WP3843999	WARE ST SW	CI	6	20	1957					100	NO	5
WP3844000	ADELMAN CISW	CI	6	20	1957					100	NO	5
WP3844001	ADELMAN CISW	CI	6	20	1957					100	NO	5
WP3844002	ADELMAN CISW	CI	6	20	1957					100	NO	5
WP3844003	ADELMAN CISW	CI	4	171	1957					100	NO	5
WP3844004	ADELMAN CISW	CI	6	225	1957					100	NO	5
WP3844005	WARE ST SW	CI	6	247	1957					100	NO	5
WP3844006	MEADOW LA SW	CI	6	20	1954					100	NO	5
WP3844007	MEADOW LA SW	CI	6	20	1954					100	NO	5
WP3844008	MEADOW LA SW	CI	6	449	1954					100	NO	5



Pipe ID	Street Name	Material	Size	Length	Year of Street Construction	# Breaks	Dirty Water Complaint	Rehabilitation Year	Rehabilitation Method	Historic Action	Service Life	Exceeded Service Life	Condition
WP3846003	PREScott CI SE	CI	6	56	1962						100	NO	5
WP3846004	PREScott CI	CI	6	20	1962						75	NO	5
WP3846005	DALE CT SE	DI	6	20	1977						100	NO	5
WP3846006	DALE CT SE	CI	6	239	1967						100	NO	5
WP3846007	DALE CT SE	CI	6	20	1967						100	NO	5
WP3846008	DALE CT SE	CI	6	44	1967						100	NO	5
WP3846009	DALE CT SE	CI	6	20	1967						100	NO	5
WP3846010	BATTLE CT SE	CI	6	30	1974						100	NO	5
WP3846011	BATTLE CT SE	CI	3	50	1974						100	NO	5
WP3846012	BATTLE ST SE	CI	6	40	1974						100	NO	5
WP3846013	BATTLE ST SE	CI	6	20	1974						100	NO	5
WP3846014	COURTHOUSE RD	CI	6	447	1928						100	NO	3A
WP3846015	COURTHOUSE RD SW	CI	6	124	1928						100	NO	5
WP3911511	SAINT ANDREWS DR NE	DI	8	35	1982						75	NO	5
WP3911512	SAINT ANDREWS DR NE	CI	8	25	1937						100	NO	5
WP3911513	SAINT ANDREWS DR NE	CI	6	20	1937						100	NO	5
WP3911514	SAINT ANDREWS DR NE	CI	6	8	1937						100	NO	5
WP3911515	SAINT ANDREWS DR NE	DI	6	20	1978						75	NO	5
WP3911516	MAPLE AV E	CI	8	34	1937						100	NO	5
WP3911517	MAPLE AV E	CI	12	20	1937						100	NO	5
WP3911518	MAPLE AV E	CI	6	20	1937						100	NO	5
WP3911519	MAPLE AV E	CI	6	87	1960						100	NO	5
WP3911521	CHAIN BRIDGE RD	CI	6	855	1937						100	NO	3A
WP3911522	CHAIN BRIDGE RD	CI	12	312	1937						100	NO	5
WP3911523	CHAIN BRIDGE RD	CI	12	40	1937						100	NO	5
WP3911524	SARATOGA WAYE NNE	CI	6	20	1974						100	NO	5
WP3911525	OLD COURT HOUSE RD	CI	6	20	1971						100	NO	5
WP3911526	SARATOGA WAYE	CI	6	135	1974						100	NO	5
WP3911527	SARATOGA WAYE NEE	CI	6	20	1974						100	NO	5
WP3911528	SARATOGA WAYE NEE	CI	6	75	1974						100	NO	5
WP3911529	SARATOGA WAYE NEE	CI	6	20	1974						100	NO	5
WP3911530	SARATOGA WAYE NEE	CI	6	20	1974						100	NO	5
WP3911531	SARATOGA WAYE NEE	CI	6	288	1974						100	NO	5
WP3911532	MAPLE AV	CI	6	933	1960						100	NO	5
WP3911533	CHAIN BRIDGE RD	CI	8	338	1937						100	NO	5
WP3911534	SAINT ANDREWS DR NE	DI	8	20	1978						75	NO	5
WP3911535	MAPLE AV E	CI	6	20	1959						100	NO	5
WP3911536	MAPLE AV E	CI	6	20	1959						100	NO	5
WP3911537	SAINT ANDREWS DR NE	DI	6	20	1978						75	NO	5
WP3911538	SAINT ANDREWS DR NE	DI	8	55	1982						75	NO	5
WP3911539	SAINT ANDREWS DR NE	DI	6	20	1978						75	NO	5
WP3911540	SAINT ANDREWS DR NE	DI	6	20	1978						75	NO	5
WP3911541	SAINT ANDREWS DR NE	CI	8	289	1960						100	NO	5
WP3911542	SAINT ANDREWS DR NE	DI	8	467	1978						75	NO	5
WP3911543	SAINT ANDREWS DR NE	DI	6	20	1978						75	NO	5
WP3911544	MAPLE AV	CI	12	1841	1960						100	NO	5
WP3911545	WESTBRIAR DR NE	DI	6	20	1982						75	NO	5
WP3911546	WESTBRIAR DR	DI	6	1074	1982						75	NO	5
WP3911547	WESTBRIAR DR NE	DI	6	20	1982						75	NO	5
WP3911548	WESTBRIAR DR NE	CI	6	593	1960						100	NO	5



Pipe ID	Street Name	Material	Size	Length	Year of Street Construction	# Breaks	Dirty Water Complaint	Rehabilitation Year	Rehabilitation Method	Historic Action	Service Life	Exceeded Service Life	Condition
WP3911603	WOLFTRAP RD SE	CI	8	20	1971						100	NO	5
WP3911604	WOLFTRAP RD SE	CI	3	40	1971						100	NO	5
WP3911605	WESTWOOD TE	CI	4	20	1971						100	NO	5
WP3911606	WESTWOOD TE	CI	8	20	1971						100	NO	5
WP3911607	WESTWOOD TE	CI	8	577	1971						100	NO	5
WP3911608	WESTWOOD TE	CI	8	20	1971						100	NO	5
WP3911609	WOLFTRAP RD	CI	6	20	1974						100	NO	5
WP3911610	WOLFTRAP RD	CI	6	40	1974						100	NO	5
WP3911611	WOLFTRAP RD	CI	6	20	1974						100	NO	5
WP3911612	WOLFTRAP RD	CI	6	20	1974						100	NO	5
WP3911613	WOLFTRAP RD	CI	6	425	1974						100	NO	3A
WP3911617	ECHOIS ST SE	DI	6	420	1981	1					75	NO	2A
WP3911618	NIBLUCK DR SE	CI	6	20	1955						100	NO	5
WP3911620	NIBLUCK DR SE	CI	8	20	1955						100	NO	5
WP3911621	NIBLUCK DR SE	CI	8	80	1955						100	NO	5
WP3911622	NIBLUCK DR SE	CI	8	169	1955						100	NO	5
WP3911623	NIBLUCK DR SE	CI	8	20	1955						100	NO	5
WP3911624	NIBLUCK DR SE	DI	8	20	1981						75	NO	5
WP3911625	NIBLUCK DR SE	CI	6	20	1955						100	NO	5
WP3911626	ECHOIS ST SE	DI	6	349	1981						75	NO	5
WP3911627	ECHOIS ST SE	CI	6	40	1956						100	NO	5
WP3911628	ECHOIS ST SE	DI	6	20	1981						75	NO	5
WP3911629	ECHOIS ST SE	DI	6	20	1981						75	NO	5
WP3911630	ECHOIS ST SE	CI	6	20	1956						100	NO	5
WP3911631	ECHOIS ST SE	CI	6	20	1956						100	NO	5
WP3911632	FOLLIN LA SE	DI	6	20	1990						75	NO	5
WP3911633	FOLLIN LA SE	DI	6	60	1990						75	NO	5
WP3911634	ORRIN ST SE	DI	6	20	1990						100	NO	5
WP3911637	ORRIN ST SE	CI	6	20	1996						100	NO	5
WP3911638	ORRIN ST SE	CI	6	20	1996						100	NO	5
WP3911639	FOLLIN LA SE	DI	12	309	1990						75	NO	5
WP3911640	FOLLIN LA SE	DI	12	20	1990						75	NO	5
WP3911641	FOLLIN LA SE	DI	6	20	1990						75	NO	5
WP3911642	ALMA ST SE	DI	6	120	1990						75	NO	5
WP3911643	ALMA ST SE	CI	6	20	1956						100	NO	5
WP3911644	ALMA ST SE	CI	6	20	1956						100	NO	5
WP3911645	ALMA ST SE	CI	6	20	1956						100	NO	5
WP3911646	ALMA ST SE	CI	6	325	1956						100	NO	5
WP3911647	ALMA ST SE	CI	6	20	1956						100	NO	5
WP3911648	FOLLIN LA	DI	12	158	1990						75	NO	5
WP3911649	FOLLIN LA	DI	12	20	1990						75	NO	5
WP3911650	FOLLIN LA SE	DI	6	22	1990						75	NO	5
WP3911651	FOLLIN LA SE	DI	12	18	1990						75	NO	5
WP3911652	FOLLIN LA SE	DI	6	40	1990						75	NO	5
WP3911653	FOLLIN LA SE	DI	6	20	1990						75	NO	5
WP3911654	NOTRE DAME DR	DI	6	20	1978						75	NO	5
WP3911655	NOTRE DAME DR	DI	6	20	1978						75	NO	5
WP3911656	NOTRE DAME DR	DI	4	96	1978						75	NO	5
WP3911657	NOTRE DAME DR	DI	6	20	1978						75	NO	5
WP3911658	NOTRE DAME DR	DI	6	20	1978						75	NO	5
WP3911659	NOTRE DAME DR	DI	6	20	1978						75	NO	5

Pipe ID	Street Name	Material	Size	Length	Year of Street Construction	# Breaks	Dirty Water Complaint	Rehabilitation Year	Rehabilitation Method	Historic Action	Service Life	Exceeded Service Life	Condition
WP3911713	KRAMER DR SE	CI	6	20	1961						100	NO	5
WP3911714	KRAMER DR SE	CI	6	595	1961						100	NO	5
WP3911715	KRAMER DR SE	CI	6	98	1961						100	NO	5
WP3911716	KRAMER DR SE	CI	6	20	1961						100	NO	5
WP3911717	KRAMER CT SE	CI	4	300	1961						100	NO	3A
WP3911718	KRAMER CT SE	CI	4	20	1961						100	NO	5
WP3911719	KRAMER DR SE	CI	6	20	1961						100	NO	5
WP3911720	KRAMER DR SE	CI	6	295	1961						100	NO	5
WP3911721	KRAMER DR SE	DI	6	65	1978						75	NO	5
WP3911722	KRAMER DR SE	CI	6	20	1961						100	NO	5
WP3911723	POLLY ST SE	DI	6	437	1978						75	NO	5
WP3911724	KRAMER DR SE	DI	6	20	1978						75	NO	5
WP3911725	KRAMER DR SE	DI	4	20	1978						75	NO	5
WP3911726	KRAMER DR SE	CI	4	102	1961						100	NO	5
WP3911768	PARKING LOT	CI	8	573	1972						100	NO	5
WP3911981	WESTBRIAR DR	DI	12	843	1982						75	NO	3A
WP3912073	ALMA ST SE	CI	6	521	1956						100	NO	5
WP3912075	ORRIN ST SE	CI	6	524	1956						100	NO	5
WP3915763	WESTWOOD FOREST LA	DI	4	350	1982						75	NO	5
WP3915764	WESTWOOD FOREST LA	DI	4	20	1982						75	NO	5
WP3915813	PARKING LOT	CI	4	20	1972						100	NO	5
WP3915814	PARKING LOT	CI	4	25	1972						100	NO	5
WP3915816	WOLFTRAP RD SE	DI	6	20	1981						75	NO	5
WP3915822	WESTWOOD FOREST DR	DI	6	316	1982						75	NO	5
WP3915823	WESTWOOD TE	CI	8	20	1971						100	NO	5
WP3915824	WESTWOOD TE	CI	4	342	1971						100	NO	3B
WP3915978	MAPLE AV	CI	12	904	1960						100	NO	5
WP3931677	FOLLIN LA SE	DI	6	40	1990						75	NO	5
WP3931678	FOLLIN LA SE	DI	4	60	1990						75	NO	5
WP3931679	FOLLIN LA SE	DI	12	282	1990						75	NO	5
WP3931727	PARKING LOT	CI	8	20	1972						100	NO	5
WP3931728	PARKING LOT	CI	10	20	1972						100	NO	5
WP3931729	PARKING LOT	CI	10	20	1972						100	NO	5
WP3931730	PARKING LOT	CI	8	20	1972						100	NO	5
WP3931731	PARKING LOT	CI	8	20	1972						100	NO	5
WP3931732	PARKING LOT	CI	8	20	1972						100	NO	5
WP3931733	PARKING LOT	CI	8	20	1972						100	NO	5
WP3931734	PARKING LOT	CI	8	122	1972						100	NO	5
WP3931735	ELECTRIC AV	CI	8	59	1968						100	NO	5
WP3931736	PARKING LOT	CI	8	60	1972						100	NO	5
WP3931737	PARKING LOT	CI	8	60	1972						100	NO	5
WP3931738	PARKING LOT	CI	8	341	1972						100	NO	5
WP3931739	CHESTER TOWN DR	CI	8	25	1972						100	NO	5
WP3931740	PARKING LOT	CI	8	40	1972						100	NO	5
WP3931741	CHESTER TOWN DR	CI	8	100	1972						100	NO	5
WP3931742	PARKING LOT	CI	8	341	1972						100	NO	5
WP3931743	REDWOOD DR	CI	6	20	1968						100	NO	5
WP3931744	REDWOOD DR	CI	6	20	1968						100	NO	5
WP3931745	OTIS CT	CI	6	214	1965						100	NO	5
WP3931746	REDWOOD DR	CI	6	20	1968						100	NO	5

Pipe ID	Street Name	Material	Size	Length	Year of Street Construction	# Breaks	Dirty Water Complaint	Rehabilitation Year	Rehabilitation Method	Historic Action	Service Life	Exceeded Service Life	Condition
WP3931798	ELECTRIC AV	CI	8	20	1968						100	NO	5
WP3931799	ELECTRIC AV SE	CI	8	20	1968						100	NO	5
WP3931800	ELECTRIC AV	CI	8	217	1968						100	NO	5
WP3931801	ELECTRIC AV	CI	8	40	1968						100	NO	5
WP3931802	FOLLIN LA	DI	12	20	1990						75	NO	5
WP3931803	FOLLIN LA	DI	12	228	1990						75	NO	5
WP3931804	FOLLIN LA SE	DI	12	97	1990						75	NO	5
WP3931805	FOLLIN LA SE	DI	12	20	1990						75	NO	5
WP3931806	FOLLIN LA	DI	12	260	1990						75	NO	5
WP3931807	ADAH RI SE	DI	8	20	2003						75	NO	5
WP3931808	NINOVAN RD	CI	12	189	1973						100	NO	5
WP3931809	ADAH RI SE	CI	8	20	1973						100	NO	5
WP3931810	ADAH RI SE	DI	8	20	2003						75	NO	5
WP3931811	ADAH RI SE	DI	8	20	2003						75	NO	5
WP3931812	ADAH RI SE	DI	8	20	2003						75	NO	5
WP3931813	APONI RD SE	DI	8	20	2003						75	NO	5
WP3931814	ADAH RI SE	DI	8	507	2003						75	NO	5
WP3931815	APONI RD SE	DI	8	20	2003						75	NO	5
WP3931816	APONI RD SE	DI	8	20	2003						75	NO	5
WP3931817	APONI RD SE	DI	8	20	2003						75	NO	5
WP3931818	APONI RD SE	DI	8	20	2003						75	NO	5
WP3931819	APONI RD SE	DI	8	20	2003						75	NO	5
WP3931820	APONI RD SE	CI	6	51	1968						100	NO	5
WP3931821	APONI RD SE	CI	6	20	1968						100	NO	5
WP3931822	APONI CT SE	CI	6	20	1968						100	NO	5
WP3931823	APONI CT SE	CI	6	177	1968						100	NO	5
WP3931824	APONI RD SE	CI	6	20	1968						100	NO	5
WP3931825	APONI RD SE	CI	6	20	1968						100	NO	5
WP3931826	APONI RD SE	CI	6	20	1968						100	NO	5
WP3931827	APONI RD SE	CI	6	247	1968						100	NO	5
WP3931828	APONI RD SE	CI	6	20	1969						100	NO	5
WP3931829	APONI RD SE	CI	6	20	1969						100	NO	5
WP3931830	APONI RD SE	CI	6	20	1968						100	NO	5
WP3931831	APONI RD SE	CI	6	102	1968						100	NO	5
WP3931832	ONONDIO CI SE	CI	6	20	1969						100	NO	5
WP3931833	ONONDIO CI SE	CI	6	20	1969						100	NO	5
WP3931834	ONONDIO CI SE	CI	6	154	1969						100	NO	5
WP3931835	ONONDIO CI SE	CI	6	117	1969						100	NO	5
WP3931836	ONONDIO CI SE	CI	6	20	1969						100	NO	5
WP3931837	AVITOR RD SE	CI	6	114	1968						100	NO	5
WP3931838	AVITOR RD SE	CI	6	30	1968						100	NO	5
WP3931839	AVITOR RD SE	CI	6	20	1968						100	NO	5
WP3931840	AVITOR RD SE	CI	6	20	1968						100	NO	5
WP3931841	APONI RD SE	CI	6	460	2003						100	NO	5
WP3931842	ADAH RI SE	DI	8	20	2003						75	NO	5
WP3931843	ADAH RI SE	DI	8	20	2003						75	NO	5
WP3931844	ADAH RI SE	DI	8	460	2003						75	NO	5
WP3931845	GLYNDON ST SE	CI	8	20	1935						100	NO	5
WP3931846	GLYNDON ST SE	CI	6	20	1935						100	NO	5
WP3931847	GLYNDON ST SE	CI	6	27	1935						100	NO	5

1



Pipe ID	Street Name	Material	Size	Length	Year of Street Construction	# Breaks	Dirty Water Complaint	Rehabilitation Year	Rehabilitation Method	Historic Action	Service Life	Exceeded Service Life	Condition
WP3931901	KERGE CT SE	CI	4	136	1974	1					100	NO	3A
WP3931902	KERGE CT SE	CI	4	20	1974						100	NO	5
WP3931903	AYITO RD	CI	6	20	1968						100	NO	5
WP3931904	REDWOOD DR SE	CI	6	20	1968						100	NO	5
WP3931905	REDWOOD DR	CI	6	20	1968						100	NO	5
WP3931906	REDWOOD DR	CI	6	20	1968						100	NO	5
WP3931907	REDWOOD DR	CI	6	518	1968						100	NO	5
WP3931908	REDWOOD DR	CI	6	20	1967						100	NO	5
WP3931909	REDWOOD DR	CI	6	20	1967						100	NO	5
WP3931910	REDWOOD DR	CI	6	209	1968						100	NO	5
WP3931911	REDWOOD DR	CI	6	55	1967						100	NO	5
WP3931912	WILLIAMS AV	CI	6	454	1967						100	NO	5
WP3931913	CASMAR ST	DI	6	20	1987						75	NO	5
WP3931914	CASMAR ST	DI	6	40	2003						75	NO	5
WP3931915	MCHENRY ST	DI	6	473	1987						75	NO	5
WP3931916	CASMAR ST	DI	6	20	1987						75	NO	5
WP3931917	CASMAR ST	DI	6	20	2003						75	NO	5
WP3931918	CASMAR ST	DI	6	20	2003						75	NO	5
WP3931919	CASMAR ST	DI	6	20	2003						75	NO	5
WP3931920	CASMAR ST	DI	6	22	2003						75	NO	5
WP3931921	CASMAR ST	DI	8	20	2003						75	NO	5
WP3931922	CASMAR ST	DI	6	20	1982						75	NO	5
WP3931923	CASMAR ST	DI	6	20	2003						75	NO	5
WP3931924	CASMAR ST SE	DI	6	20	2003						75	NO	5
WP3931928	CASMAR ST	DI	6	636	1982						75	NO	5
WP3931929	PARK ST SE	DI	8	20	1983						75	NO	5
WP3931930	PARK ST SE	DI	8	20	1982						75	NO	5
WP3931931	PARK ST SE	DI	6	20	1982						75	NO	5
WP3931932	FARDALE ST SE	DI	6	40	1983						75	NO	5
WP3931933	FARDALE ST SE	DI	6	20	1983						75	NO	5
WP3931934	PARK ST SE	DI	8	20	1982						75	NO	5
WP3931935	PARK ST	DI	8	50	1982						75	NO	5
WP3931936	FARDALE ST SE	DI	6	20	1983						75	NO	5
WP3931937	PARK ST	DI	8	431	1982						75	NO	5
WP3931938	PARK ST SE	DI	8	20	1982						75	NO	5
WP3931939	PARK ST SE	DI	8	20	1982						75	NO	5
WP3931940	KINGSLEY RD SE	DI	8	10	1982						75	NO	5
WP3931941	KINGSLEY RD SE	CI	8	10	1952						100	NO	5
WP3931942	KINGSLEY RD SE	DI	8	10	1982						75	NO	5
WP3931943	KINGSLEY RD SE	CI	8	61	1952						100	NO	5
WP3931944	KINGSLEY RD SE	CI	8	20	1952						100	NO	5
WP3931945	KINGSLEY RD SE	DI	8	164	1982						75	NO	5
WP3931949	PARK ST SE	DI	8	20	1987						75	NO	5
WP3931950	PARK ST SE	DI	8	20	1987						75	NO	5
WP3931951	PARK ST SE	DI	8	20	1987						75	NO	5
WP3931952	PARK ST SE	DI	8	20	1987						75	NO	5
WP3931953	PARK ST SE	DI	8	195	1982						75	NO	5

Pipe ID	Street Name	Material	Size	Length	Year of Street Construction	# Breaks	Dirty Water Complaint	Rehabilitation Year	Rehabilitation Method	Historic Action	Service Life	Exceeded Condition
WP3935836	AYITO RD SE	DI	6	12.9	1980					75	NO	5
WP3935837	AYITO RD	DI	6	20	1980					75	NO	5
WP3935838	AYITO RD	DI	6	20	1980					75	NO	5
WP3935839	AYITO RD	CI	6	3.2	1974					100	NO	5
WP3935840	AYITO RD	DI	6	44	1980					75	NO	5
WP3935841	AYITO RD SE	CI	6	20	1968					100	NO	5
WP3935842	AYITO RD SE	CI	6	20	1968					100	NO	5
WP3935843	AYITO RD SE	CI	6	445	1968					100	NO	5
WP3935844	LAUREN LA SE	CI	4	342	1966					100	NO	5
WP3935845	CAROLE CT SE	CI	4	13.3	1970					100	NO	5
WP3935846	FOLLIN LA	DI	6	50	1990					75	NO	5
WP3935847	FOLLIN LA	DI	6	20	1990					75	NO	5
WP3935848	FOLLIN LA	DI	6	20	1990					75	NO	5
WP3935849	FOLLIN LA	DI	6	20	1990					75	NO	5
WP3935850	NICHOLAS CI SE	DI	6	147	2003					75	NO	5
WP3935851	ADAH RI SE	DI	8	152	2003					75	NO	5
WP3935852	ADAH RI SE	DI	8	407	2004					75	NO	5
WP3935853	PARK ST SE	CI	8	182	1952					100	NO	5
WP3935854	PARK ST SE	DI	8	58	1982					75	NO	5
WP3935855	PARK ST SE	DI	8	78	1982					75	NO	5
WP3935867	NINOVAN RD SE	CI	4	100	1973					100	NO	5
WP3935868	O10 COUHOUSE RD	CI	8	20	1928					100	NO	5
WP4814011	COURTHOUSE RD	CI	8	20	1928					100	NO	5
WP4814012	COURTHOUSE RD	CI	6	20	1928					100	NO	5
WP4814013	COURTHOUSE RD	CI	6	36.9	1971					100	NO	5
WP4814014	COURTHOUSE RD	CI	6	20	1928					100	NO	5
WP4814015	COURTHOUSE RD	CI	6	20	1928					100	NO	5
WP4814016	COURTHOUSE RD	CI	6	20	1928					100	NO	5
WP4814017	COURTHOUSE RD	CI	8	59.2	1928					100	NO	5
WP4814018	MOORE PL SW	DI	12	20	1977					75	NO	5
WP4814019	MOORE PL SW	DI	8	20	1977					100	NO	5
WP4814020	TAPAWINGO RD SW	CI	4	20	1995					100	NO	5
WP4814021	TAPAWINGO RD SW	CI	4	21.3	1995					100	NO	5
WP4814022	MOORE PL SW	DI	4	20	1977					75	NO	5
WP4814023	TAPAWINGO RD SW	DI	12	170	1977					75	NO	5
WP4814024	TAPAWINGO RD SW	CI	8	20	1995					100	NO	5
WP4814025	TAPAWINGO RD SW	CI	12	20	1995					100	NO	5
WP4814026	TAPAWINGO RD SW	CI	12	20	1995					100	NO	5
WP4814027	MOOREFIELD CREEK RD SW	CI	12	20	1995					100	NO	5
WP4814028	TAPAWINGO RD SW	CI	12	145	1995					100	NO	5
WP4814029	MOOREFIELD HILL GV SW	DI	8	47	1977					75	NO	5
WP4814030	MOOREFIELD HILL GV SW	CI	12	20	1976					100	NO	5
WP4814031	MOOREFIELD HILL GV SW	DI	12	20	1977					75	NO	5
WP4814032	MOOREFIELD HILL GV SW	DI	8	20	1977					75	NO	5
WP4814033	MOOREFIELD HILL GV SW	DI	8	20	1977					75	NO	5
WP4814034	MOORE PL SW	CI	12	112	1976					100	NO	5
WP4814035	MOOREFIELD HILL GV SW	CI	8	20	1976					100	NO	5
WP4814036	MOOREFIELD HILL GV SW	CI	8	20	1976					100	NO	5
WP4814039	MOOREFIELD HILL GV SW	CI	8	256	1976					100	NO	5
WP4814040	MOOREFIELD HILL GV	CI	8	141	1976					100	NO	5



Pipe ID	Street Name	Material	Size	Length	Year of Street Construction	# Breaks	Dirty Water Complaint	Rehabilitation Year	Rehabilitation Method	Historic Action	Service Life	Exceeded Service Life Condition
WP4815303	COURTHOUSE RD	CI	8	20	1928					100	NO	5
WP4815016	PRINCETON TE SW	CI	6	355	1960					100	NO	5
WP4816016	CHAIN BRIDGE RD	CI	8	20	1937					100	NO	5
WP4816017	CHAIN BRIDGE RD	CI	8	207	1937					100	NO	5
WP4816018	CHAIN BRIDGE RD	CI	6	20	1937					100	NO	5
WP4816019	CHEFTON CT	CI	6	20	1967					100	NO	5
WP4816020	CHEFTON CT	CI	6	20	1967					100	NO	5
WP4816021	CHEFTON CT	CI	6	20	1967					100	NO	5
WP4816022	CHEFTON CT	CI	6	429	1967					100	NO	5
WP4816023	CHEFTON CT	CI	6	146	1967					100	NO	5
WP4816024	MOOREFIELD HILL GV SW	CI	8	20	1976					100	NO	5
WP4816025	MOOREFIELD HILL GV SW	CI	4	76	1976					100	NO	5
WP4816027	MOOREFIELD CREEK RD	CI	8	20	1976					100	NO	5
WP4816062	WHITECEDAR CT	CI	8	354	1972					100	NO	5
WP4822508	KINGSLEY RD SW	CI	8	20	1952					100	NO	5
WP4822510	KINGSLEY RD SW	CI	8	818	1961					100	NO	5
WP4823859	TAPAWINGO RD SW	CI	8	43	1967					100	NO	5
WP4823860	TAPAWINGO RD SW	CI	6	20	1955					100	NO	5
WP4823861	TAPAWINGO RD SW	CI	6	20	1967					100	NO	5
WP4823862	TAPAWINGO RD SW	CI	8	20	1967					100	NO	5
WP4823863	WARE ST SW	CI	8	20	1955					100	NO	5
WP4823864	WARE ST SW	CI	8	20	1955					100	NO	5
WP4823865	TAPAWINGO RD SW	CI	8	488	1955					100	NO	5
WP4824037	MOOREFIELD HILL GV SW	CI	4	20	1976					100	NO	5
WP4824038	MOOREFIELD HILL GV SW	CI	4	20	1976					100	NO	5
WP4824041	MOOREFIELD HILL PL SW	CI	8	159	1976					100	NO	5
WP4824044	MOOREFIELD HILL PL SW	CI	8	20	1976					100	NO	5
WP4824056	MOOREFIELD HILL CT SW	CI	8	20	1976					100	NO	5
WP4824057	MOOREFIELD HILL CT SW	CI	8	20	1976					100	NO	5
WP4824058	MOOREFIELD HILL CT SW	CI	8	20	1976					100	NO	5
WP4824059	MOOREFIELD HILL CT SW	CI	8	20	1976					100	NO	5
WP4824061	NUTLEY ST SW	CI	4	20	1959					100	NO	5
WP4824062	NUTLEY ST SW	CI	4	20	1959					100	NO	5
WP4824063	NUTLEY ST SW	CI	4	231	1959					100	NO	5
WP4824064	NUTLEY ST SW	CI	4	303	1959					100	NO	5
WP4824065	TAPAWINGO RD SW	CI	8	20	1955					100	NO	5
WP4824066	TAPAWINGO RD	CI	8	28	1955					100	NO	5
WP4824067	TAPAWINGO RD	CI	4	46	1955					100	NO	5
WP4824068	TAPAWINGO RD	CI	4	80	1955					100	NO	5
WP4824070	TAPAWINGO RD SW	CI	4	20	1955					100	NO	5
WP4824071	TAPAWINGO RD	CI	4	20	1955					100	NO	5
WP4824072	TAPAWINGO RD SW	CI	8	20	1955					100	NO	5
WP4824073	TAPAWINGO RD SW	CI	8	645	1960					100	NO	5
WP4824074	TAPAWINGO RD SW	CI	8	130	1959					100	NO	5
WP4824075	TAPAWINGO RD SW	CI	8	20	1959					100	NO	5
WP4824076	TAPAWINGO RD SW	CI	8	1955	1955					100	NO	5
WP4824077	HUNTER CT SW	CI	8	645	1960					100	NO	5
WP4824078	TAPAWINGO RD SW	CI	8	130	1959					100	NO	5
WP4824079	TAPAWINGO RD SW	CI	8	20	1959					100	NO	5
WP4824080	TAPAWINGO RD SW	CI	8	20	1959					100	NO	5



Pipe ID	Street Name	Material	Size	Length	Year of Street Construction	# Breaks	Dirty Water Complaint	Rehabilitation Year	Rehabilitation Method	Historic Action	Service Life	Exceeded Service Life	Condition
WP4824132	KINGSLY RD SW	CI	6	20	1952						100	NO	5
WP4824133	KINGSLY RD SW	CI	6	53	1952						100	NO	5
WP4824134	KINGSLY RD SW	CI	6	20	1952						100	NO	5
WP4824135	KINGSLY RD SW	CI	6	274	1958						100	NO	5
WP4824136	MYERS CI SW	CI	6	20	1958						100	NO	5
WP4824137	MYERS CI SW	CI	6	20	1958						100	NO	5
WP4824138	MYERS CI SW	CI	6	194	1958						100	NO	5
WP4824139	MYERS CI SW	CI	6	337	1958						100	NO	5
WP4824140	KINGSLY RD SW	CI	6	20	1954						100	NO	5
WP4824141	KINGSLY RD SW	CI	6	20	1954						100	NO	5
WP4824142	KINGSLY RD SW	CI	6	20	1954						100	NO	5
WP4824143	KINGSLY RD SW	CI	6	20	1954						100	NO	5
WP4824144	KINGSLY RD SW	CI	6	20	1954						100	NO	5
WP4824145	KINGSLY RD SW	CI	6	324	1954						100	NO	5
WP4824146	KINGSLY RD SW	CI	6	20	1958						100	NO	5
WP4824147	KINGSLY RD SW	CI	6	20	1958						100	NO	5
WP4824148	KINGSLY RD SW	CI	6	20	1958						100	NO	5
WP4824149	KINGSLY RD SW	CI	6	53	1952						100	NO	5
WP4824150	KINGSLY RD SW	CI	6	20	1952						100	NO	5
WP4824151	KINGSLY RD SW	CI	6	253	1958						100	NO	5
WP4824169	TAPAWINGO RD SW	CI	8	20	1955						100	NO	5
WP4824442	ROSS DR SW	CI	6	42	1960						100	NO	5
WP4824443	ROSS DR	CI	6	460	1960						100	NO	5
WP4824444	ROSS DR SW	DI	6	106	1987						75	NO	5
WP4824448	JAMES DR SW	CI	8	20	1962						100	NO	5
WP4824490	JAMES DR SW	CI	8	20	1962						100	NO	5
WP4824491	JAMES DR SW	DI	8	63	1985						75	NO	5
WP4824492	JAMES DR SW	DI	8	20	1985						75	NO	5
WP4824493	JAMES DR SW	CI	6	20	1962						100	NO	5
WP4824494	COTTAGE ST SW	DI	8	458	1987						75	NO	5
WP4824497	JAMES DR SW	DI	6	20	1985						75	NO	5
WP4824498	JAMES DR SW	DI	6	20	1985						75	NO	5
WP4824499	JAMES DR SW	DI	6	47	1985						75	NO	5
WP4824500	JAMES DR SW	DI	6	383	1985						75	NO	5
WP4824504	DESALE ST SW	CI	6	20	1961						100	NO	5
WP4824505	DESALE ST SW	CI	6	20	1961						100	NO	5
WP4824506	DESALE ST SW	DI	6	70	1985						75	NO	5
WP4824522	YEONIAS DR SW	CI	6	20	1961						100	NO	5
WP4824523	YEONIAS DR SW	CI	6	20	1961						100	NO	5
WP4824524	YEONIAS DR SW	CI	6	20	1961						100	NO	5
WP4824525	YEONIAS DR SE	CI	6	649	1959						100	NO	5
WP4824593	ROSS DR SW	CI	6	380	1960						100	NO	5
WP4824594	ROSS DR	CI	6	51	1960						100	NO	5
WP4824595	ROSS DR	CI	6	40	1960						100	NO	5
WP4824596	WALKER ST SW	CI	6	40	1959						100	NO	5
WP4824597	WALKER ST SW	CI	6	20	1959						100	NO	5
WP4824598	WALKER ST SW	CI	6	20	1967						100	NO	5
WP4824599	WALKER ST SW	CI	6	20	1967						100	NO	5
WP4824600	WALKER ST SW	CI	6	20	1959						100	NO	5
WP4824601	WALKER ST SW	CI	6	20	1959						100	NO	5



Pipe ID	Street Name	Material	Size	Length	Year of Street Construction	# Breaks	Dirty Water Complaint	Rehabilitation Year	Rehabilitation Method	Historic Action	Service Life	Exceeded Service Life Condition
WP4825371	TAPAWINGO RD SW	CI	8	396	1954					100	NO	5
WP4825372	TRUMAN CI SW	CI	6	20	1954					100	NO	5
WP4825373	TRUMAN CI SW	CI	6	20	1954					100	NO	5
WP4825374	TRUMAN CI SW	CI	6	20	1958					100	NO	5
WP4825375	TRUMAN CI SW	CI	6	20	1958					100	NO	5
WP4825376	TAPAWINGO RD SW	CI	8	20	1955					100	NO	5
WP4825377	TAPAWINGO RD SW	CI	8	20	1955					100	NO	5
WP4825378	TAPAWINGO RD SW	CI	8	451	1967	1				100	NO	3A
WP4825379	TAPAWINGO RD SW	CI	8	446	1955	1				100	NO	3A
WP4825380	TRUMAN CI SW	CI	6	133	1958					100	NO	5
WP4825381	MEADOW LA SW	CI	8	42	1954					100	NO	5
WP4825382	MEADOW LA SW	CI	8	20	1954					100	NO	5
WP4825383	MEADOW LA SW	CI	6	20	1954					100	NO	5
WP4825384	MEADOW LA SW	CI	6	344	1954					100	NO	5
WP4825385	TRUMAN CI SW	CI	6	61	1958					100	NO	5
WP4825386	MEADOW LA SW	CI	6	20	1958					100	NO	5
WP4825387	MEADOW LA SW	CI	6	20	1952					100	NO	5
WP4825388	MEADOW LA SW	CI	6	458	1954					100	NO	5
WP4825389	KINGSLEY RD SW	CI	6	20	1952					100	NO	5
WP4825390	KINGSLEY RD SW	CI	6	20	1952					100	NO	5
WP4825391	KINGSLEY RD SW	CI	6	402	1952					100	NO	5
WP4825392	WARE ST SW	CI	6	20	1967					100	NO	5
WP4825393	WARE ST SW	CI	6	49	1967					100	NO	5
WP4825394	DESALE ST SW	CI	6	20	1961					100	NO	5
WP4825395	DESALE ST SW	CI	6	20	1961					100	NO	5
WP4825396	YEONAS DR SW	CI	6	73	1959					100	NO	5
WP4825397	ROSS DR SW	CI	6	20	1961					100	NO	5
WP4825398	ROSS DR SW	CI	6	20	1961					100	NO	5
WP4825399	DESALE ST SW	CI	6	155	1961					100	NO	5
WP4825400	DESALE ST SW	CI	6	490	1961					100	NO	5
WP4825401	ROSS DR SW	CI	6	20	1960					100	NO	5
WP4825402	ROSS DR SW	CI	6	20	1960					100	NO	5
WP4825403	ROSS DR SW	CI	6	503	1961					100	NO	5
WP4825404	ROSS DR SW	CI	6	20	1960					100	NO	5
WP4825405	ROSS DR SW	CI	6	20	1960					100	NO	5
WP4825406	ROSS DR SW	CI	6	54	1960					100	NO	5
WP4825407	ROSS DR SW	CI	6	562	1960	1				100	NO	3A
WP4825408	KELLEY ST SW	CI	6	20	1960					100	NO	5
WP4825409	KELLEY ST SW	CI	6	20	1960					100	NO	5
WP4825410	KELLEY ST SW	DI	6	504	1985					75	NO	5
WP4825411	KELLEY ST SW	CI	6	533	1960					100	NO	5
WP4825412	COTTAGE ST SW	CI	6	20	1959					100	NO	5
WP4825413	COTTAGE ST SW	CI	6	20	1959					100	NO	5
WP4825414	COTTAGE ST SW	CI	6	49	1962					100	NO	5
WP4825415	COTTAGE ST SW	CI	6	20	1962	1				100	NO	3A
WP4825416	COTTAGE ST SW	CI	8	20	1962					100	NO	5
WP4825417	COTTAGE ST SW	CI	8	482	1960					100	NO	5
WP4825418	COTTAGE ST SW	CI	8	20	1962					100	NO	5
WP4825419	COTTAGE ST SW	CI	8	20	1962					100	NO	5
WP4825420	COTTAGE ST SW	CI	8	76	1959					100	NO	5



Pipe ID	Street Name	Material	Size	Length	Year of Street Construction	# Breaks	Dirty Water Complaint	Rehabilitation Year	Rehabilitation Method	Historic Action	Service Life	Exceeded Service Life	Condition
WP4825471	YEONAS DR SW	CI	6	140	1959						100	NO	5
WP4825472	LAKEWOOD DR SW	CI	6	20	1959						100	NO	5
WP4825473	LAKEWOOD DR SW	CI	6	222	1959						100	NO	5
WP4825474	ORLEANS CI SW	CI	6	20	1955						100	NO	5
WP4825475	ORLEANS CI SW	CI	6	20	1955						100	NO	5
WP4825476	ORLEANS CI SW	CI	6	20	1955						100	NO	5
WP4825477	ORLEANS CI SW	CI	6	20	1955						100	NO	5
WP4825478	ORLEANS CI SW	CI	6	20	1955						100	NO	5
WP4825479	HILLCREST DR SW	CI	6	216	1955						100	NO	5
WP4825480	ORLEANS CI SW	CI	6	20	1959						100	NO	5
WP4825481	ORLEANS CI SW	CI	6	20	1959						100	NO	5
WP4825482	ORLEANS CI SW	CI	6	162	1959						100	NO	5
WP4825483	ORLEANS CI SW	CI	6	424	1959	1					100	NO	3A
WP4825484	COTTAGE ST SW	CI	8	20	1962						100	NO	5
WP4825485	COTTAGE ST SW	CI	8	20	1962						100	NO	5
WP4825486	COTTAGE ST SW	CI	8	74	1962						100	NO	5
WP4825487	KINGSLY RD SW	CI	8	20	1962						100	NO	5
WP4825488	KINGSLY RD SW	CI	8	13	1952						100	NO	5
WP4825489	KINGSLY RD SW	CI	8	11	1952						100	NO	5
WP4825490	KINGSLY RD SW	CI	6	20	1952						100	NO	5
WP4825491	KINGSLY RD SW	CI	6	20	1952						100	NO	5
WP4825492	KINGSLY RD SW	CI	8	20	1962						100	NO	5
WP4825493	KINGSLY RD SW	CI	8	20	1962						100	NO	5
WP4825494	KINGSLY RD SW	CI	8	20	1952						100	NO	5
WP4825495	KINGSLY RD SW	CI	6	20	1962						100	NO	5
WP4825496	COTTAGE ST SW	CI	8	698	1952						100	NO	5
WP4825497	KINGSLY RD SW	CI	8	684	1952						100	NO	5
WP4825500	HILLCREST DR SW	CI	6	485	1955	1					100	NO	3A
WP4825501	HILLCREST DR SW	CI	6	20	1955						100	NO	5
WP4825502	HILLCREST DR SW	CI	6	20	1955						100	NO	5
WP4825503	KINGSLY RD SW	CI	6	20	1952						100	NO	5
WP4825504	KINGSLY RD SW	CI	6	20	1952						100	NO	5
WP4825505	KINGSLY RD SW	CI	6	61	1955						100	NO	5
WP4825506	KINGSLY RD SW	CI	6	20	1955						100	NO	5
WP4825507	KINGSLY RD SW	CI	6	20	1952						100	NO	5
WP4825508	KINGSLY RD SW	CI	6	377	1962						100	NO	5
WP4825509	HILLCREST DR SW	CI	6	460	1959						100	NO	5
WP4825510	MARSHALL RD SW	CI	6	20	1955						100	NO	5
WP4825511	MARSHALL RD SW	CI	6	20	1955						100	NO	5
WP4825512	MARSHALL RD SW	CI	6	20	1955						100	NO	5
WP4825513	MARSHALL RD SW	CI	6	20	1955						100	NO	5
WP4825514	MARSHALL RD SW	CI	6	526	1955						100	NO	5
WP4825515	HILLCREST DR SW	CI	6	20	1955						100	NO	5
WP4825516	FREDERICK ST SW	CI	6	227	1959						100	NO	5
WP4825517	FREDERICK ST SW	CI	6	20	1955						100	NO	5
WP4825518	FREDERICK ST SW	CI	6	20	1955						100	NO	5
WP4825519	FREDERICK ST SW	CI	6	526	1955						100	NO	5
WP4825520	KINGSLY RD SW	CI	6	20	1955						100	NO	5
WP4825521	KINGSLY RD SW	CI	6	20	1955						100	NO	5
WP4825522	KINGSLY RD SW	CI	6	20	1952						100	NO	5
WP4825523	KINGSLY RD SW	CI	6	20	1952						100	NO	5



Water Pipe Inventory

4/27/2011

Pipe ID	Street Name	Material	Size	Length	Year of Street Construction	# Breaks	Dirty Water Complaint	Rehabilitation Year	Rehabilitation Method	Historic Action	Service Life	Exceeded Service Life	Condition
WP4825575	WARE ST SW	CI	6	20	1967						100	NO	5
WP4825576	WARE ST SW	CI	6	815	1952						100	NO	5
WP4825577	WARE ST SW	CI	6	252	1959						100	NO	5
WP4825578	MOUNTFORT CT SW	CI	4	20	1963						100	NO	5
WP4825579	MOUNTFORT CT SW	CI	6	20	1963						100	NO	5
WP4825580	MOUNTFORT CT SW	CI	6	20	1963						100	NO	5
WP4825581	MARSHALL RD SW	CI	6	20	1959						100	NO	5
WP4825582	MOUNTFORT CT SW	CI	6	295	1959						100	NO	5
WP4825583	MARSHALL RD SW	CI	6	281	1959						100	NO	5
WP4825584	MARSHALL RD SW	CI	6	20	1959						100	NO	5
WP4825585	AVERY CT SW	CI	6	20	1959						100	NO	5
WP4825586	AVERY CT SW	CI	6	20	1966						100	NO	5
WP4825587	AVERY CT SW	CI	6	224	1959						100	NO	5
WP4825588	AVERY CT SW	CI	6	20	1966						100	NO	5
WP4825589	AVERY CT SW	CI	4	20	1966						100	NO	5
WP4825590	MARSHALL RD SW	CI	6	122	1959						100	NO	5
WP4825591	MARSHALL RD SW	CI	6	302	1959						100	NO	5
WP4825592	LYNN ST SW	CI	6	20	1959						100	NO	5
WP4825593	LYNN ST SW	CI	6	20	1959						100	NO	5
WP4825594	LYNN ST SW	CI	6	413	1959						100	NO	5
WP4825595	LYNN ST SW	CI	6	321	1959						100	NO	3A
WP4825596	KEARNEY CT SW	CI	4	20	1972						100	NO	5
WP4825597	KEARNEY CT SW	CI	6	20	1972						100	NO	5
WP4825598	KEARNEY CT SW	CI	6	20	1972						100	NO	5
WP4825599	KEARNEY CT SW	CI	4	64	1972						100	NO	5
WP4825600	KEARNEY CT SW	CI	6	16	1972						100	NO	5
WP4825601	WARE ST SW	CI	6	20	1967						100	NO	5
WP4825602	KEARNEY CT SW	CI	6	561	1967						100	NO	5
WP4825603	WARE ST SW	CI	6	20	1967						100	NO	5
WP4825604	WARE ST SW	CI	6	20	1967						100	NO	5
WP4825605	WARE ST SW	CI	6	35	1966						100	NO	5
WP4825606	WARE ST SW	CI	6	62	1967						100	NO	5
WP4825607	MARSHALL RD SW	CI	6	20	1959						100	NO	5
WP4825608	MARSHALL RD SW	CI	6	327	1959						100	NO	5
WP4825609	MARSHALL RD SW	CI	6	20	1959						100	NO	5
WP4825610	WARE ST SW	CI	6	360	1966						100	NO	5
WP4825611	PRUITT CT SW	CI	4	20	1966						100	NO	5
WP4825612	WARE ST SW	CI	6	20	1959						100	NO	5
WP4825613	WARE ST SW	CI	6	20	1959						100	NO	5
WP4825614	WARE ST SW	CI	6	318	1959						100	NO	5
WP4825615	YEONAS DR SW	CI	6	450	1959						100	NO	5
WP4825616	BRIAN DR	CI	6	20	1959						100	NO	5
WP4825617	BRIAN DR	CI	6	20	1959						100	NO	5
WP4825618	BRIAN DR	CI	6	20	1959						100	NO	5
WP4825619	BRIAN DR	CI	6	20	1959						100	NO	5
WP4825620	BRIAN DR	CI	6	68	1959						100	NO	5
WP4825621	DELLWOOD DR	CI	6	20	1959						100	NO	5
WP4825622	DELLWOOD DR	CI	6	20	1959						100	NO	5
WP4825623	DELLWOOD DR	CI	6	20	1959						100	NO	5
WP4825624	DELLWOOD DR	CI	8	16	1959						100	NO	5



Water Pipe Inventory

4/27/2011

Pipe ID	Street Name	Material	Size	Length	Year of Street Construction	# Breaks	Dirty Water Complaint	Rehabilitation Year	Rehabilitation Method	Historic Action	Service Life	Exceeded Service Life Condition
WP4825675	YEONAS DR	CI	6	476	1959					100	NO	5
WP4825676	YEONAS DR	CI	6	25	1959					100	NO	5
WP4825677	TRUMAN CI SW	CI	6	510	1958	2				100	NO	2A
WP4825678	KIBLER CI SW	CI	6	405	1957					100	NO	5
WP4825679	DELLWOOD DR	CI	8	53	1959					100	NO	5
WP4825680	DELLWOOD DR	CI	8	537	1959					100	NO	5
WP4825681	YEONAS DR SW	CI	6	456	1959					100	NO	5
WP4826026	MOOREFIELD HILL GV	CI	4	233	1976					100	NO	5
WP4826028	NUTLEY ST SW	CI	4	120	1959					100	NO	3A
WP4826029	MARSHALL RD SW	CI	6	215	1959					100	NO	5
WP4826030	KINGS WAY CT SW	DI	6	20	1999					75	NO	5
WP4826031	MARSHALL RD SW	DI	6	204	1999					75	NO	5
WP4826032	KINGS WAY CT SW	DI	6	20	1999					75	NO	5
WP4826033	KINGS WAY CT SW	DI	6	284	1999					75	NO	5
WP4826034	KINGS WAY CT SW	DI	6	78	1999					75	NO	5
WP4826035	KINGS WAY CT SW	DI	6	20	1999					75	NO	5
WP4826036	KINGS WAY CT SW	DI	6	20	1999					75	NO	5
WP4826037	MARSHALL RD SW	CI	6	232	1967					100	NO	5
WP4826038	WARE ST SW	CI	4	20	1966					100	NO	5
WP4826039	PRUITT CT SW	CI	4	267	1966					100	NO	3A
WP4826040	MOUNTFORT CT SW	CI	6	20	1963					100	NO	5
WP4826041	MOUNTFORT CT SW	CI	4	253	1963					100	NO	5
WP4826042	AVERY CT SW	CI	6	20	1966					100	NO	5
WP4826043	AVERY CT SW	CI	4	131	1966					100	NO	5
WP4826044	KIBLER CI SW	CI	6	20	1957					100	NO	5
WP4826045	KIBLER CI SW	CI	4	152	1957					100	NO	3A
WP4826046	COTTAGE ST SW	CI	4	20	1959					100	NO	5
WP4826047	SCOTT CI	CI	4	200	1959					100	NO	5
WP4911925	PARK ST	DI	6	20	1982					75	NO	5
WP4911926	PATRICK ST	DI	6	560	1987					75	NO	5
WP4911927	PARK ST	DI	8	522	1987					75	NO	5
WP4911475	MARYMOUNT LA	CI	6	20	1962					100	NO	5
WP4911476	MARYMOUNT LA	CI	8	20	1962					100	NO	5
WP4911477	COTTAGE ST	CI	8	577	1962					100	NO	5
WP4911478	COTTAGE ST	CI	8	126	1962					100	NO	5
WP4911479	COTTAGE ST	CI	8	20	1962					100	NO	5
WP4911480	COTTAGE ST	CI	8	20	1962					100	NO	5
WP4911481	BUCKNELL DR	CI	6	20	1963					100	NO	5
WP4911482	BUCKNELL DR	CI	6	557	1963					100	NO	5
WP4911483	BUCKNELL DR	CI	6	20	1963					100	NO	5
WP4911484	BUCKNELL DR	CI	6	20	1963					100	NO	5
WP4911485	BUCKNELL DR	CI	6	20	1963					100	NO	5
WP4911486	BUCKNELL DR	CI	6	20	1962					100	NO	5
WP4911487	BUCKNELL DR	CI	6	439	1963					100	NO	5
WP4911488	BUCKNELL DR	CI	6	20	1963					100	NO	5
WP4911489	BUCKNELL DR	CI	6	20	1963					100	NO	5
WP4911490	BUCKNELL DR	CI	6	20	1962					100	NO	5
WP4911491	BUCKNELL DR	CI	6	490	1962					100	NO	5
WP4911492	BUCKNELL DR	CI	8	20	1962					100	NO	5
WP4911493	BUCKNELL DR	CI	8	20	1962					100	NO	5

Pipe ID	Street Name	Material	Size	Length	Year of Street Construction	# Breaks	Dirty Water Complaint	Rehabilitation Year	Rehabilitation Method	Historic Action	Service Life	Exceeded Service Life	Condition
WP4914244	COTTAGE ST	CI	8	20	1962					100	NO	5	
WP4914245	COTTAGE ST	CI	8	20	1962					100	NO	5	
WP4914246	COTTAGE ST	CI	6	20	1962					100	NO	5	
WP4914247	COTTAGE ST	CI	8	361	1962					100	NO	5	
WP4914248	COTTAGE ST	CI	8	63	1962					100	NO	5	
WP4914249	COTTAGE ST	CI	8	20	1962					100	NO	5	
WP4914250	COTTAGE ST	CI	8	20	1962					100	NO	5	
WP4914251	CARNEGIE DR	CI	6	26	1962					100	NO	5	
WP4914252	CARNEGIE DR	CI	6	20	1962					100	NO	5	
WP4914253	CARNEGIE DR	CI	6	20	1962					100	NO	5	
WP4914254	CARNEGIE DR	CI	6	261	1962					100	NO	5	
WP4914255	SYRACUSE CI	CI	6	20	1962					100	NO	5	
WP4914256	SYRACUSE CI	CI	6	20	1962					100	NO	5	
WP4914257	SYRACUSE CI	CI	6	355	1962	2				100	NO	2A	
WP4914258	SYRACUSE CI	CI	6	20	1962					100	NO	5	
WP4914259	SYRACUSE CI	CI	4	315	1962	1				100	NO	3A	
WP4914260	CARNEGIE DR	CI	6	20	1962					100	NO	5	
WP4914261	CARNEGIE DR	CI	4	20	1962					100	NO	5	
WP4914262	CARNEGIE DR	CI	6	20	1962					100	NO	5	
WP4914263	CARNEGIE DR	CI	6	20	1962					100	NO	5	
WP4914264	CARNEGIE DR	CI	6	20	1962					100	NO	5	
WP4914265	CARNEGIE DR	CI	6	20	1962					100	NO	5	
WP4914266	CARNEGIE DR	CI	6	39	1962					100	NO	5	
WP4914267	CARNEGIE DR	CI	6	544	1962					100	NO	5	
WP4914268	BOWDOIN CI	CI	4	232	1962					100	NO	1A	
WP4914269	CARNEGIE DR	CI	4	20	1962					100	NO	5	
WP4914270	CARNEGIE DR	CI	6	20	1962					100	NO	5	
WP4914271	SKIDMORE CI	CI	4	232	1962					100	NO	5	
WP4914272	CARNEGIE DR	CI	6	20	1962					100	NO	5	
WP4914273	CARNEGIE DR	CI	6	20	1962					100	NO	5	
WP4914274	CARNEGIE DR	CI	6	66	1962					100	NO	5	
WP4914275	CARNEGIE DR	CI	6	338	1962					100	NO	5	
WP4914276	CITADEL PL	CI	6	954	1962					100	NO	2A	
WP4914277	CARNEGIE DR	CI	6	20	1962					100	NO	5	
WP4914278	CARNEGIE DR	CI	6	20	1962					100	NO	5	
WP4914279	CARNEGIE DR	CI	6	40	1962					100	NO	5	
WP4914280	BEREA DR	CI	6	534	1962					100	NO	5	
WP4914281	BEREA DR	CI	4	20	1962					100	NO	5	
WP4914282	BEREA DR	CI	6	20	1962					100	NO	5	
WP4914283	BEREA DR	CI	6	40	1962					100	NO	5	
WP4914284	BEREA DR	CI	6	20	1962					100	NO	5	
WP4914285	BEREA DR	CI	6	20	1962					100	NO	5	
WP4914286	BEREA CT	CI	4	392	1962					100	NO	5	
WP4914287	WESLEYAN ST	CI	6	20	1962					100	NO	5	
WP4914288	WESLEYAN ST	CI	6	20	1962					100	NO	5	
WP4914289	WESLEYAN ST	CI	6	20	1962					100	NO	5	
WP4914290	WESLEYAN ST	CI	6	20	1962					100	NO	5	
WP4914291	WESLEYAN ST	CI	6	20	1962					100	NO	5	
WP4914292	WESLEYAN ST	CI	6	20	1962					100	NO	5	
WP4914293	BEREA DR	CI	6	410	1962	1				100	NO	3A	



Pipe ID	Street Name	Material	Size	Length	Year of Street Construction	# Breaks	Dirty Water Complaint	Rehabilitation Year	Rehabilitation Method	Historic Action	Service Life	Exceeded Service Life Condition
WP4914344	COTTAGE ST	CI	8	20	1962					100	NO	5
WP4914345	COTTAGE ST	CI	8	20	1962					100	NO	5
WP4914346	DEPAUL DR	CI	6	229	1962					100	NO	5
WP4914347	BOWLING GREEN DR	CI	6	20	1961					100	NO	5
WP4914348	BOWLING GREEN DR	CI	6	20	1961					100	NO	5
WP4914349	MARQUETTE ST	CI	6	51	1961					100	NO	5
WP4914350	MARQUETTE ST	CI	6	20	1961					100	NO	5
WP4914351	BOWLING GREEN DR	CI	6	20	1961					100	NO	5
WP4914352	BOWLING GREEN DR	CI	6	20	1961					100	NO	5
WP4914353	BOWLING GREEN DR	CI	6	182	1961					100	NO	5
WP4914354	BOWLING GREEN DR	CI	6	20	1961					100	NO	5
WP4914355	BOWLING GREEN DR	CI	6	20	1961					100	NO	5
WP4914356	BOWLING GREEN DR	CI	6	565	1961					100	NO	5
WP4914357	BOWLING GREEN DR	CI	6	575	1961					100	NO	5
WP4914358	WOOSTER CT	CI	6	103	1961					100	NO	5
WP4914359	WOOSTER CT	CI	6	20	1961					100	NO	5
WP4914360	WOOSTER CT	CI	6	20	1961					100	NO	5
WP4914361	WOOSTER CT	CI	6	429	1961					100	NO	5
WP4914362	PEPPERMINE DR	CI	6	20	1961					100	NO	5
WP4914363	PEPPERMINE DR	CI	6	20	1961					100	NO	5
WP4914364	PEPPERMINE DR	CI	6	46	1961					100	NO	5
WP4914365	PEPPERMINE DR	CI	6	20	1961					100	NO	5
WP4914366	PEPPERMINE DR	CI	6	20	1961					100	NO	5
WP4914367	BOWLING GREEN DR	CI	6	307	1961					100	NO	5
WP4914368	OCCIDENTAL DR	CI	6	20	1961					100	NO	5
WP4914369	PEPPERMINE DR	CI	6	20	1961					100	NO	5
WP4914370	OCCIDENTAL DR	CI	6	20	1961					100	NO	5
WP4914371	OCCIDENTAL DR	CI	6	20	1961					100	NO	5
WP4914372	PEPPERMINE DR	CI	6	54	1961					100	NO	5
WP4914373	PEPPERMINE DR	CI	6	20	1961					100	NO	5
WP4914374	PEPPERMINE DR	CI	6	20	1961					100	NO	5
WP4914375	PEPPERMINE DR	CI	6	509	1961					100	NO	5
WP4914376	PEPPERMINE DR	CI	6	588	1961					100	NO	5
WP4914377	DENNIS DR	CI	6	20	1962					100	NO	5
WP4914378	DENNIS DR	CI	6	20	1962					100	NO	5
WP4914379	DENNIS DR	CI	6	20	1961					100	NO	5
WP4914380	DENNIS DR	CI	6	20	1961					100	NO	5
WP4914381	DENNIS DR	CI	6	56	1962					100	NO	5
WP4914382	BOWLING GREEN DR	CI	6	432	1961					100	NO	5
WP4914383	DENNIS DR	CI	6	226	1962					100	NO	5
WP4914384	CEDAR LA SE	CI	6	20	1966					100	NO	5
WP4914385	BOWLING GREEN DR	CI	6	76	1966					100	NO	5
WP4914386	BOWLING GREEN DR	CI	6	20	1961					100	NO	5
WP4914387	BOWLING GREEN DR	CI	6	471	1961					100	NO	5
WP4914391	BOWLING GREEN DR	CI	6	339	1962					100	NO	5
WP4914392	OCCIDENTAL DR	CI	6	20	1961					100	NO	5
WP4914393	OCCIDENTAL DR	CI	8	20	1961					100	NO	5

Water Pipe Inventory



4/27/2011

Pipe ID	Street Name	Material	Size	Length	Year of Street Construction	# Breaks	Dirty Water Complaint	Rehabilitation Year	Rehabilitation Method	Historic Action	Service Life	Exceeded Service Life Condition
WP4914447	PATRICK ST SW	DI	8	20	1987					75	NO	5
WP4914448	PATRICK ST SW	CI	8	20	1962					100	NO	5
WP4914449	PATRICK ST SW	CI	8	20	1962					100	NO	5
WP4914450	PATRICK ST SW	CI	8	20	1962					100	NO	5
WP4914451	PATRICK ST SW	CI	6	394	1962					100	NO	5
WP4914452	COTTAGE ST SW	CI	8	748	1962					100	NO	5
WP4914453	CEDAR LA	CI	8	20	1966					100	NO	3A
WP4914454	CEDAR LA	CI	6	20	1962					100	NO	5
WP4914455	COTTAGE ST SW	CI	6	48	1962					100	NO	5
WP4914456	CEDAR LA	CI	8	108	1966					100	NO	5
WP4914457	COTTAGE ST SW	CI	8	108	1962					100	NO	5
WP4914458	COTTAGE ST SW	CI	8	20	1962					100	NO	5
WP4914459	COTTAGE ST SW	CI	8	50	1962					100	NO	5
WP4914460	CEDAR LA	CI	6	20	1966					100	NO	5
WP4914461	CEDAR LA	CI	6	20	1966					100	NO	5
WP4914462	CEDAR LA	CI	6	411	1961					100	NO	5
WP4914463	CEDAR LA	CI	6	20	1961					100	NO	5
WP4914464	CEDAR LA	CI	6	20	1961					100	NO	5
WP4914465	CEDAR LA	CI	6	40	1961					100	NO	5
WP4914466	CEDAR LA	CI	6	20	1966					100	NO	5
WP4914467	CEDAR LA	CI	6	20	1966					100	NO	5
WP4914468	CEDAR LA SE	CI	6	20	1966					100	NO	5
WP4914469	CEDAR LA	CI	6	20	1966					100	NO	5
WP4914470	CEDAR LA	CI	6	313	1966					100	NO	3A
WP4914471	SANDEY CI SE	CI	6	20	1961					100	NO	5
WP4914472	SANDEY CI SE	CI	6	20	1961					100	NO	5
WP4914473	DESALE ST SW	CI	4	20	1961					100	NO	5
WP4914474	SANDEY CI SE	CI	4	190	1960					100	NO	5
WP4914475	DESALE ST SW	CI	6	20	1961					100	NO	5
WP4914476	DESALE ST SW	CI	6	20	1961					100	NO	5
WP4914477	DESALE ST SW	CI	6	515	1961					100	NO	5
WP4914478	PATRICK ST SW	CI	6	20	1961					100	NO	5
WP4914479	PATRICK ST SW	CI	6	20	1961					100	NO	5
WP4914480	PATRICK ST SW	CI	6	20	1961					100	NO	5
WP4914481	DESALE ST SW	CI	6	347	1960					100	NO	5
WP4914482	PATRICK ST SW	DI	6	20	1987					75	NO	5
WP4914483	PATRICK ST SW	DI	6	20	1987					75	NO	5
WP4914484	PATRICK ST SW	CI	6	68	1961					100	NO	5
WP4914485	PATRICK ST SW	DI	6	20	1987					75	NO	5
WP4914486	PATRICK ST SW	DI	6	20	1987					75	NO	5
WP4914487	PATRICK ST SW	DI	6	472	1987					75	NO	5
WP4914488	PATRICK ST SW	DI	6	486	1987					75	NO	5
WP4914495	JAMES DR SW	DI	6	20	1985					75	NO	5
WP4914496	JAMES DR SW	DI	6	20	1985					75	NO	5
WP4914501	DESALE ST SW	DI	6	20	1985					75	NO	5
WP4914502	DESALE ST SW	CI	6	20	1961					100	NO	5
WP4914503	DESALE ST SW	CI	6	20	1961					100	NO	5
WP4914507	JAMES DR SW	CI	6	659	1961					100	NO	3A
WP4914508	CASMAR ST SE	DI	6	20	2003					75	NO	5
WP4914509	CASMAR ST SE	DI	6	20	2003					75	NO	5



Water Pipe Inventory

4/27/2011

Pipe ID	Street Name	Material	Size	Length	Year of Street Construction	# Breaks	Dirty Water Complaint	Rehabilitation Year	Rehabilitation Method	Historic Action	Service Life	Exceeded Service Life	Condition
WP4914564	PATRICK ST	DI	3	129	1987						75	NO	5
WP4914565	PATRICK ST	DI	6	38	1987						75	NO	5
WP4914566	PATRICK ST	DI	6	20	1987						75	NO	5
WP4914567	PATRICK ST	DI	6	20	1987						75	NO	5
WP4914568	CEDAR LA	C	6	55	1966						100	NO	5
WP4914569	CEDAR LA	C	6	233	1966						100	NO	5
WP4914570	CEDAR LA	C	6	20	1966						100	NO	5
WP4914571	CEDAR LA	C	6	20	1966						100	NO	5
WP4914572	PARK ST	DI	8	20	1982						75	NO	5
WP4914573	PARK ST	DI	8	50	1982						75	NO	5
WP4914574	PARK ST	DI	8	20	1982						75	NO	5
WP4914575	PARK ST	DI	8	50	1987						75	NO	5
WP4914576	PATRICK ST	DI	8	20	1987						75	NO	5
WP4914577	PARK ST	DI	8	20	1982						75	NO	5
WP4914578	PARK ST	DI	8	143	1982						75	NO	5
WP4914579	PARK ST	DI	8	103	1982						75	NO	5
WP4914580	PARK ST	DI	8	70	1982						75	NO	5
WP4914581	PARK ST	DI	6	20	1982						75	NO	5
WP4914582	PARK ST	DI	6	324	1982						75	NO	5
WP4914583	CEDAR LA	C	6	20	1966						100	NO	5
WP4914584	CEDAR LA	C	6	20	1966						100	NO	5
WP4914585	CEDAR LA	C	6	355	1966						100	NO	2A
WP4914586	CEDAR LA	C	6	20	1966						100	NO	5
WP4914587	PARK ST	DI	8	20	1982						75	NO	5
WP4914588	PARK ST	DI	8	20	1982						75	NO	5
WP4914589	CEDAR LA	C	8	28	1966						100	NO	5
WP4914590	CEDAR LA	C	8	67	1966						100	NO	5
WP4914591	CEDAR LA	C	8	20	1966						100	NO	5
WP4914592	CEDAR LA	C	8	20	1966						100	NO	5
WP4916048	COTTAGE ST	DI	8	177	1966						100	NO	5
WP4916049	CEDAR LA	C	6	52	1966						100	NO	5
WP4916050	CEDAR LA	C	6	534	1966						100	NO	5
WP4916051	PARK ST	DI	8	20	1982						75	NO	5
WP4916052	PARK ST	DI	8	20	1982						75	NO	5
WP4916053	PARK ST	DI	4	130	1982						75	NO	5
WP4916054	PARK ST	DI	4	20	1982						75	NO	5
WP4916055	PARK ST	DI	8	25	1982						75	NO	5
WP4916056	PARK ST	DI	8	85	1982						75	NO	5
WP4916057	PARK ST	DI	8	20	1982						75	NO	5
WP4924172	BUCKNELL DR	C	8	20	1962						100	NO	5
WP4924173	COTTAGE ST	C	8	307	1962						100	NO	5
WP4924174	BUCKNELL DR	C	6	20	1962						100	NO	5



Appendix A.2 – Water Appurtenance Inventory

Water Appurtenance Inventory

4/27/2011

Asset ID	Asset Type	Size	Street Name	Construction Year	Rehabilitation Year	Rehabilitation Method	Historic Action	Service Life	Exceeded Service Life	Condition
WB2840045	BLOFF	2	SKYLINE CT NE	1963				50	NO	2
WB2840046	BLOFF	2	HURSLEY CT	1980				50	NO	3
WB2840047	BLOFF	2	KILDOWNET CT	1970				50	NO	2
WB2840048	BLOFF	2	CLOVELLY CT	1977				50	NO	2
WB2840049	BLOFF	2	LUPINE DEN CT	1985				50	NO	3
WB2840050	BLOFF	2		1985				50	NO	3
WB2840051	BLOFF	2	BEST BOWER CT	2000				50	NO	4
WB2840052	BLOFF	2	DREWLAINE DR	1996				50	NO	4
WB2840053	BLOFF	2	WEXFORD DR	1980				50	NO	3
WB2840054	BLOFF	2	WEXFORD WY	1980				50	NO	3
WB2840055	BLOFF	2	RIDGE LA	1980				50	NO	3
WB2840056	BLOFF	2	SUNNY CREEK CV	1991				50	NO	3
WB2840057	BLOFF	2	NIGEL CT	1968				50	NO	2
WB2840148	BLOFF	2	OLD COURTHOUSE RD	1978				50	NO	3
WB2840149	BLOFF	2	OLD COURTHOUSE RD	1978				50	NO	3
WB2930031	BLOFF	2	KEY WEST LA	1978				50	NO	3
WB2930032	BLOFF	2		1971				50	NO	2
WB2930033	BLOFF	2	WESTBRIAR CT NE	1982				50	NO	3
WB2930034	BLOFF	2	THUNDERBIRD CT	1966				50	NO	2
WB2930035	BLOFF	2	TAMERISK CT	1966				50	NO	2
WB2930036	BLOFF	2	PAISLEY BLUE CT	1977				50	NO	2
WB2930037	BLOFF	2		1971				50	NO	2
WB3720091	BLOFF	2	MCCHESNEY CT	1969				50	NO	2
WB3720092	BLOFF	2	MCDUFF CT	1969				50	NO	2
WB3810093	BLOFF	2	BRIDLERYIDGE CT	1974				50	NO	2
WB3810094	BLOFF	2	MEADOW KNOLL CT	1973				50	NO	2
WB3810095	BLOFF	2	KEDGE CT	1978				50	NO	3
WB3810096	BLOFF	2	KEDGE DR	1978				50	NO	3
WB3810097	BLOFF	2	CLYDE CT	1969				50	NO	2
WB3810098	BLOFF	2		1971				50	NO	2
WB3810099	BLOFF	2	RIVERA DR	1970				50	NO	2
WB3810100	BLOFF	2	FREDA DR	1972				50	NO	2
WB3810101	BLOFF	2	DOCKET LA	1969				50	NO	2
WB3810102	BLOFF	2	SHERIFF CT	1969				50	NO	2
WB3810103	BLOFF	2	DIARRROW CT	1969				50	NO	2
WB3810104	BLOFF	2	BONAVVENTURE DR	1999				50	NO	4
WB3810105	BLOFF	2	STATUTE LA	1969				50	NO	2
WB3810106	BLOFF	2	BLAIR CT NW	1979				50	NO	3



Water Appurtenance Inventory

4/27/2011

Asset ID	Asset Type	Size	Street Name	Year of Construction	Rehabilitation Year	Rehabilitation Method	Historic Action	Service Life	Exceeded Service Life	Condition
WB3830138	BLOFF	2	SCOTCH PINE CT	1979				50	NO	3
WB3830139	BLOFF	2	WILD OLIVE CT	1977				50	NO	2
WB3830140	BLOFF	2	PLUM TREE CT	1977				50	NO	2
WB3830141	BLOFF	2	PLUM TREE CT	1977				50	NO	2
WB3830142	BLOFF	2	CARTER CT SW	1994				50	NO	3
WB3830143	BLOFF	2	PARIS CT SW	1978				50	NO	3
WB3830144	BLOFF	2	MENDON LA SW	1988				50	NO	3
WB3830145	BLOFF	2	APPLE BLOSSOM CT	1977				50	NO	2
WB3840082	BLOFF	2	TROY CT SE	1977				50	NO	2
WB3840083	BLOFF	2	FELLINI CT SE	1977				50	NO	2
WB3840084	BLOFF	2	NINOVAN RD SE	1973				50	NO	2
WB3840085	BLOFF	2	TALAHİ RD SE	1969				50	NO	2
WB3840086	BLOFF	2	TALAHİ CT SE	1969				50	NO	2
WB3840089	BLOFF	2	WHISPERING WIND CT SE	1977				50	NO	2
WB3840090	BLOFF	2	ELMAR DR SE	1954				50	YES	1
WB3840125	BLOFF	2	CHERRY CI SW	1968				50	NO	2
WB3840126	BLOFF	2	HICKORY CI SW	1955				50	YES	1
WB3840127	BLOFF	2	SURVEYORS CT SW	1974				50	NO	2
WB3840128	BLOFF	2	COURTHOUSE CI SW	1928				50	YES	1
WB3910069	BLOFF	2	WESTWOOD FOREST LA	1982				50	NO	3
WB3910070	BLOFF	2	WESTWOOD TE	1971				50	NO	2
WB3930071	BLOFF	2		1968				50	NO	2
WB3930072	BLOFF	2	AAPONI CT SE	1968				50	NO	2
WB3930073	BLOFF	2	ONONDIO CI SE	1969				50	NO	2
WB3930074	BLOFF	2	FARLEY CT SE	1968				50	NO	2
WB3930075	BLOFF	2	CAROLE CT SE	1970				50	NO	2
WB3930076	BLOFF	2	LAUREN LA SE	1966				50	NO	2
WB3930077	BLOFF	2	SHADY DR SE	1966				50	NO	2
WB3930078	BLOFF	2	SHADY DR SE	1966				50	NO	2
WB3930079	BLOFF	2	KERGE CT SE	1974				50	NO	2
WB3930080	BLOFF	2	PARK ST	1983				50	NO	3
WB3930081	BLOFF	2	AUDREYS CT SE	1984				50	NO	3
WB3930150	BLOFF	2	NICHOLAS CI SE	2004				50	NO	4
WB4810129	BLOFF	2	MOORE PL SW	1977				50	NO	2
WB4810130	BLOFF	2	MOORE PL SW	1976				50	NO	2
WB4810146	BLOFF	2	HUNTER CT SW	1960				50	YES	1
WB4820131	BLOFF	2	RACHEL LA SW	1976				50	NO	2
WB4820147	BLOFF	2	KINGS WAY CT SW	1999				50	NO	4

Asset ID	Asset Type	Size	Street Name	Year of Street Construction		Rehabilitation Method	Historic Action	Service Life	Exceeded Service Life	Condition
				Rehabilitation Year	Construction Year					
WH2830009	FHVLV	16	ABBOFSORD DR	1969				50	NO	2
WH2830029	FHVLV	8	LIBERTY TREE LA	1978				50	NO	3
WH2830030	FHVLV	8	LIBERTY TREE LA	1978				50	NO	3
WH2830031	FHVLV	6	CHESTNUT FARM DR	1988				50	NO	3
WH2830032	FHVLV	8	LAKESIDE DR	1989				50	NO	3
WH2830036	FHVLV	8	TRAP RD	1971				50	NO	2
WH2830038	FHVLV	6	PODIUM DR	1970				50	NO	2
WH2830039	FHVLV	8	CLARKS GLEN PL	1983				50	NO	3
WH2830040	FHVLV	8	PERCUSSION WY	1969				50	NO	2
WH2830041	FHVLV	8	MEMORY CT	1969				50	NO	2
WH2830042	FHVLV	16	PERCUSSION WY	1969				50	NO	2
WH2830043	FHVLV	16	PERCUSSION WY	1969				50	NO	2
WH2830044	FHVLV	16	MACY AV	1973				50	NO	2
WH2830045	FHVLV	16	LABRADOR LA	1970				50	NO	2
WH2830046	FHVLV	8	WOODWIND WY	1970				50	NO	2
WH2830047	FHVLV	8	PRELUDE DR	1970				50	NO	2
WH2830048	FHVLV	8	WOODWIND WY	1972				50	NO	2
WH2830049	FHVLV	8	AUBREY PLACE CT	1984				50	NO	3
WH2830050	FHVLV	8	CYMBAL DR	1972				50	NO	2
WH2830051	FHVLV	6	BATON DR	1970				50	NO	2
WH2830052	FHVLV	8	MACY AV	1994				50	NO	3
WH2830053	FHVLV	6	TRUMPET CT	1970				50	NO	2
WH2830054	FHVLV	8	DELANCEY DR	1969				50	NO	2
WH2830055	FHVLV	6	SCARAB ST	1972				50	NO	2
WH2830056	FHVLV	8	SCARAB ST	1976				50	NO	2
WH2830057	FHVLV	8	SAINT BONIFACE ST	1981				50	NO	3
WH2830058	FHVLV	6	BATON DR	1970				50	NO	2
WH2830059	FHVLV	8	ABBOFSORD DR	1969				50	NO	2
WH2830060	FHVLV	8	PERCUSSION WY	1969				50	NO	2
WH2830084	FHVLV	8	BEULAH RD	1988				50	NO	3
WH2840001	FHVLV	6	HAMBLETONIAN PL	1969				50	NO	2
WH2840003	FHVLV	6	HICKS DR	1969				50	NO	2
WH2840004	FHVLV	6	BURLWOOD CT	1980				50	NO	3
WH2840007	FHVLV	8	BEULAH RD	1978				50	NO	3
WH2840008	FHVLV	12	ABBOFSORD DR	1988				50	NO	3
WH2840010	FHVLV	16	ABBOFSORD DR	1969				50	NO	2
WH2840011	FHVLV	16	ABBOFSORD DR	1969				50	NO	2
WH2840012	FHVLV	16		1969				50	NO	2



Water Appurtenance Inventory

4/27/2011

Asset ID	Asset Type	Size	Street Name	Construction Year	Rehabilitation Year	Rehabilitation Method	Historic Action	Service Life	Exceeded Service Life	Condition
WH2840103	FHVLV	16	HURSLEY CT	1978				50	NO	3
WH2840104	FHVLV	6	COUNTRY CLUB DR NE	1980				50	NO	3
WH2840105	FHVLV	6	CREEK CROSSING RD	1979				50	NO	3
WH2840106	FHVLV	6	MILLER LA	1980				50	NO	3
WH2840107	FHVLV	6	MILLER LA	1970				50	NO	2
WH2840108	FHVLV	8	MILLER LA	1977				50	NO	2
WH2840109	FHVLV	8	MILLER LA	1973				50	NO	2
WH2840110	FHVLV	8	DREWLAINE DR	1996				50	NO	4
WH2840111	FHVLV	8	DREWLAINE DR	1996				50	NO	4
WH2840112	FHVLV	16	WESTERHOLME WY	1968				50	NO	2
WH2840113	FHVLV	6	LOCKERBIE LA	1968				50	NO	2
WH2840114	FHVLV	6	LUPINE DEN CT	1985				50	NO	3
WH2840115	FHVLV	8	BEST BOWER CT	2000				50	NO	4
WH2840116	FHVLV	8	DREWLAINE DR	1996				50	NO	4
WH2840117	FHVLV	8	TETTERTON AV	2000				50	NO	4
WH2840118	FHVLV	8						50	NO	4
WH2840119	FHVLV	8	OLD COURTHOUSE RD	1978				50	NO	3
WH2840120	FHVLV	6		1968				50	NO	2
WH2840121	FHVLV	6	KILLARNEY CT	1968				50	NO	2
WH2840122	FHVLV	6	WEXFORD DR	1980				50	NO	3
WH2840123	FHVLV	6	LOCKERBIE LA	1968				50	NO	2
WH2840124	FHVLV	4	SUNNY CREEK CV	1991				50	NO	3
WH2840125	FHVLV	6	FOXSTONE DR	1969				50	NO	2
WH2840126	FHVLV	6	FOXSTONE DR	1969				50	NO	2
WH2840127	FHVLV	6	FOXSTONE DR	1969				50	NO	2
WH2840128	FHVLV	8	TALISMAN DR	1968				50	NO	2
WH2840129	FHVLV	6	CREEK CROSSING RD	1973				50	NO	2
WH2840848	FHVLV	8	DREWLAINE DR	1996				50	NO	4
WH2840849	FHVLV	8	AVIS CT	1994				50	NO	3
WH2840850	FHVLV	6	RIDGE LA	1980				50	NO	3
WH2930061	FHVLV	8	HIGDON DR	1952				50	YES	1
WH2930062	FHVLV	6	PEBBLE BEACH DR	1977				50	NO	2
WH2930063	FHVLV	6	KEY WEST LA	1978				50	NO	3
WH2930064	FHVLV	12						50	NO	3
WH2930065	FHVLV	6	OLD COURT HOUSE RD NE	1971				50	NO	2
WH2930066	FHVLV	8	OLD COURT HOUSE RD NE	1971				50	NO	2
WH2930067	FHVLV	8	FAIRWAY DR NE	1971				50	NO	2
WH2930068	FHVLV	8	OLD COURTHOUSE RD	1978				50	NO	3



Water Appurtenance Inventory

4/27/2011

Asset ID	Asset Type	Size	Street Name	Year of Street Construction		Rehabilitation Year	Rehabilitation Method	Historic Action	Service Life	Exceeded Service Life	Condition
				Year	Method						
WH3810409	FHVLV	8	KEDGE DR	1978		50	NO	3			
WH3810410	FHVLV	8	LAWYERS RD	1969		50	NO	2			
WH3810411	FHVLV	4	CARMICHAEL DR	1969		50	NO	2			
WH3810412	FHVLV	8	CLYDE CT	1969		50	NO	2			
WH3810413	FHVLV	8	CARMICHAEL DR	1970		50	NO	2			
WH3810414	FHVLV	8	LOCH LOMOND DR	1969		50	NO	2			
WH3810415	FHVLV	6	MARCLIFF CT	1970		50	NO	2			
WH3810416	FHVLV	6	RIVIERA DR	1970		50	NO	2			
WH3810417	FHVLV	6	CORSICA ST	1971		50	NO	2			
WH3810418	FHVLV	6	RIVIERA DR	1970		50	NO	2			
WH3810419	FHVLV	6	CORSICA ST	1971		50	NO	2			
WH3810420	FHVLV	8	FREDA DR	1972		50	NO	2			
WH3810421	FHVLV	6	FREDA DR	1972		50	NO	2			
WH3810422	FHVLV	8	VERDICT DR	1966		50	NO	2			
WH3810423	FHVLV	8		1969		50	NO	2			
WH3810424	FHVLV	6	STATUTE LA	1969		50	NO	2			
WH3810425	FHVLV	4	ABBOTSFORD DR	1969		50	NO	2			
WH3810426	FHVLV	6	PODIUM DR	1970		50	NO	2			
WH3810427	FHVLV	6	SHERIFF CT	1969		50	NO	2			
WH3810428	FHVLV	8	CENTER ST	1966		50	NO	2			
WH3810429	FHVLV	6	ABBOTSFORD DR	1969		50	NO	2			
WH3810430	FHVLV	16	ABBOTSFORD DR	1969		50	NO	2			
WH3810431	FHVLV	6	BONAVVENTURE DR	1999		50	NO	4			
WH3810432	FHVLV	6	BONAVVENTURE DR	1999		50	NO	4			
WH3810433	FHVLV	6	COUNSELLOR DR	1969		50	NO	2			
WH3810434	FHVLV	4	STATUTE LA	1969		50	NO	2			
WH3810435	FHVLV	6	BRENTWOOD CT NW	1979		50	NO	3			
WH3810436	FHVLV	6	COUNSELLOR DR NW	1969		50	NO	2			
WH3810437	FHVLV	6	WITNESS CT NW	1969		50	NO	2			
WH3810438	FHVLV	6	CONCERT CT	1972		50	NO	2			
WH3810439	FHVLV	12	ABBOTSFORD DR	1969		50	NO	2			
WH3810440	FHVLV	6	CONCERT CT	1972		50	NO	2			
WH3810441	FHVLV	12	ABBOTSFORD DR	1969		50	NO	2			
WH3810442	FHVLV	12	ABBOTSFORD DR	1969		50	NO	2			
WH3810443	FHVLV	6	BLAIR RD NW	1979		50	NO	3			
WH3810444	FHVLV	6	BLAIR RD NW	1979		50	NO	3			
WH3810445	FHVLV	6	BLAIR RD NW	1979		50	NO	3			
WH3810446	FHVLV	6	LINCOLN ST NW	1978		50	NO	3			

Asset ID	Asset Type	Size	Street Name	Year of Street Construction	Rehabilitation Year	Rehabilitation Method	Historic Action	Service Life	Exceeded Service Life	Condition
WH3820145	FHVLV	6	GLYNDON ST NE	1935				50	YES	1
WH3820146	FHVLV	6	RIDGEWOOD CT NE	1988				50	NO	3
WH3820147	FHVLV	6	HOLLOWAY CT NE	1969				50	NO	2
WH3820148	FHVLV	6	BROADLEAF DR NE	1965				50	NO	2
WH3820149	FHVLV	6	BROADLEAF DR NE	1965				50	NO	2
WH3820150	FHVLV	6	EDWIN LA NE	1965				50	NO	2
WH3820151	FHVLV	6	BEULAH RD NE	1988				50	NO	3
WH3820152	FHVLV	4	SIDELING CT NE	1979				50	NO	3
WH3820153	FHVLV	6	JOHN MARSHALL DR NE	1968				50	NO	2
WH3820154	FHVLV	6		1968				50	NO	2
WH3820155	FHVLV	6		1968				50	NO	2
WH3820156	FHVLV	6	DRUID HILL RD NE	1988				50	NO	3
WH3820157	FHVLV	6	BEULAH RD NE	1988				50	NO	3
WH3820158	FHVLV	6	CYNTHIA LA NE	1968				50	NO	2
WH3820159	FHVLV	6	CYNTHIA LA NE	1968				50	NO	2
WH3820160	FHVLV	6	BEULAH RD	1988				50	NO	3
WH3820161	FHVLV	6	OAK KNOLL RD NE	1973				50	NO	2
WH3820162	FHVLV	6	NELSON DR NE	1954				50	YES	1
WH3820163	FHVLV	6	NELSON DR NE	1954				50	YES	1
WH3820164	FHVLV	6	SHERWOOD DR NE	1960				50	YES	1
WH3820165	FHVLV	6	GLYNDON ST NE	1935				50	YES	1
WH3820166	FHVLV	6	PARK ST NE	1982				50	NO	3
WH3820167	FHVLV	6	PARK ST NE	1982				50	NO	3
WH3820168	FHVLV	4	GLYNDON ST NE	1995				50	NO	4
WH3820169	FHVLV	6	PARK ST NE	1982				50	NO	3
WH3820170	FHVLV	6	PARK ST NE	1982				50	NO	3
WH3820171	FHVLV	6	PARK ST NE	1982				50	NO	3
WH3820172	FHVLV	8	MILL ST NE	1970				50	NO	2
WH3820173	FHVLV	8	MILL ST NE	1970				50	NO	2
WH3820174	FHVLV	8	MILL ST NE	1970				50	NO	2
WH3820175	FHVLV	6		1970				50	NO	2
WH3820176	FHVLV	6		1970				50	NO	2
WH3820177	FHVLV	6		1970				50	NO	2
WH3820179	FHVLV	6		1967				50	NO	3
WH3820180	FHVLV	8	AYR HILL AV NE	1980				50	NO	2
WH3820181	FHVLV	8	CENTER ST N	1966				50	NO	2
WH3820182	FHVLV	8	CENTER ST N	1966				50	NO	2
WH3820183	FHVLV	6	SHARON LA NW	1963				50	NO	2

Asset ID	Asset Type	Size	Street Name	Year of Construction	Rehabilitation Year	Rehabilitation Method	Historic Action	Service Life	Exceeded Service Life	Condition
WH3820329	FHVLV	6	ECHOLS ST SE	1956				50	YES	1
WH3820330	FHVLV	6	BRANCH RD SE	1956				50	YES	1
WH3820331	FHVLV	6	BRANCH RD SE	1956				50	YES	1
WH3820332	FHVLV	6	CABIN RD SE	1956				50	YES	1
WH3820333	FHVLV	6	BRANCH RD SE	1956				50	YES	1
WH3820334	FHVLV	6	LOCUST ST SE	1973				50	NO	2
WH3820335	FHVLV	6	PINE ST SE	1966				50	NO	2
WH3820336	FHVLV	6	HINE ST SE	1966				50	NO	2
WH3820337	FHVLV	6	EAST ST SE	1966				50	NO	2
WH3820338	FHVLV	6	DELANO DR SE	1956				50	YES	1
WH3820370	FHVLV	12	CHURCH ST NE	1960				50	YES	1
WH3820371	FHVLV	6	AYR HILL AV NE	1980				50	NO	3
WH3820373	FHVLV	8	DOMINION RD NE	1960				50	YES	1
WH3820374	FHVLV	12	CHURCH ST NE	1960				50	YES	1
WH3820375	FHVLV	8	MILL ST NE	1970				50	NO	2
WH3820377	FHVLV	8	CHURCH ST NE	1982				50	NO	3
WH3820379	FHVLV	8	MAPLE AV E	1960				50	YES	1
WH3820380	FHVLV	6		1960				50	YES	1
WH3820381	FHVLV	6		1960				50	YES	1
WH3820382	FHVLV	8	PARK ST SE	1982				50	NO	3
WH3820385	FHVLV	6	CHURCH ST NE	1960				50	YES	1
WH3820386	FHVLV	8		1982				50	NO	3
WH3820387	FHVLV	8		1960				50	YES	1
WH3820388	FHVLV	6	MAPLE AV E	1955				50	YES	1
WH3820481	FHVLV	6	CHARLES ST SE	1955				50	YES	1
WH3820482	FHVLV	8	CHURCH ST NE	1960				50	YES	1
WH3820485	FHVLV	6	NIBLICK DR SE	1955				50	YES	1
WH3820486	FHVLV	6	GLYNDON ST SE	1973				50	NO	2
WH3820487	FHVLV	4	LOCUST ST SE	1973				50	NO	2
WH3820488	FHVLV	4	PARKING LOT	1972				50	NO	2
WH3820489	FHVLV	6	PARKING LOT	1972				50	NO	2
WH3820490	FHVLV	6	BRANCH RD SE	1956				50	YES	1
WH3820491	FHVLV	8	BERRY ST SE	1971				50	NO	2
WH3820492	FHVLV	2	BEULAH RD NE	1988				50	NO	3
WH3820493	FHVLV	6		1960				50	YES	1
WH3820494	FHVLV	12	CHURCH ST NE	1960				50	NO	2
WH3820495	FHVLV	6	COUNCIL CT NE	1966				50	NO	2
WH3820496	FHVLV	6	COUNCIL DR NE	1982				50	NO	3



Vienna

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United States

4/27/2011

Water Appurtenance Inventory

4/27/2011

Asset ID	Asset Type	Size	Street Name	Year of Construction	Rehabilitation Year	Rehabilitation Method	Historic Action	Service Life	Exceeded Service Life	Condition
WH3830716	FHVLV	8	NUTLEY ST NW	1959				50	YES	1
WH3830717	FHVLV	6	CHILCOTT MANOR WY	1967				50	NO	2
WH3830718	FHVLV	6	GLENGLYLE DR	1978				50	NO	3
WH3830719	FHVLV	8	BABCOCK RD	1967				50	NO	2
WH3830720	FHVLV	12						50	NO	2
WH3830721	FHVLV	6	JERRY LA NW	1960				50	YES	1
WH3830722	FHVLV	6	CAREY LA	1959				50	YES	1
WH3830723	FHVLV	6	CAREY LA	1959				50	YES	1
WH3830724	FHVLV	6	MALCOLM RD NW	1960				50	YES	1
WH3830725	FHVLV	6	WEST ST NW	1989				50	NO	3
WH3830726	FHVLV	6	WINDOVER CT NW	1990				50	NO	3
WH3830727	FHVLV	6	WINDOVER AV NW	1959				50	NO	3
WH3830728	FHVLV	6	PLEASANT ST NW	1959				50	YES	1
WH3830729	FHVLV	6	WINDOVER AV NW	1959				50	YES	1
WH3830730	FHVLV	6	LEWIS ST NW	1934				50	YES	1
WH3830731	FHVLV	6	WEST ST NW	1959				50	YES	1
WH3830732	FHVLV	8	MALCOLM RD NW	1990				50	NO	3
WH3830733	FHVLV	8	ORCHARD CT NW	1990				50	NO	3
WH3830734	FHVLV	6	ORCHARD ST NW	1990				50	NO	3
WH3830735	FHVLV	8	NUTLEY ST NW	1959				50	YES	1
WH3830736	FHVLV	6						50	YES	1
WH3830737	FHVLV	8						50	YES	1
WH3830738	FHVLV	8						50	YES	1
WH3830739	FHVLV	8						50	NO	3
WH3830740	FHVLV	6						50	NO	3
WH3830741	FHVLV	6	JAMES MADISON DR	1959				50	YES	1
WH3830742	FHVLV	6	CHAIN BRIDGE RD	1937				50	YES	1
WH3830743	FHVLV	6	CHAIN BRIDGE RD	1937				50	YES	1
WH3830744	FHVLV	8	JAMES MADISON DR	1959				50	YES	1
WH3830745	FHVLV	8						50	NO	3
WH3830746	FHVLV	8						50	NO	3
WH3830747	FHVLV	8						50	YES	1
WH3830748	FHVLV	8						50	NO	2
WH3830750	FHVLV	6	SCOTCH PINE CT	1978				50	NO	3
WH3830751	FHVLV	6						50	NO	3
WH3830752	FHVLV	8	WILD OLIVE CT	1977				50	NO	2
WH3830753	FHVLV	8	COURTHOUSE RD	1928				50	YES	1
WH3830754	FHVLV	8	PLUM TREE CT	1977				50	NO	2

Water Apportionment Inventory



4/27/2011

Asset ID	Asset Type	Size	Street Name	Construction Year	Rehabilitation Year	Rehabilitation Method	Historic Action	Service Life	Exceeded Service Life	Condition
WH3840285	FHVLV	6	GLYNDON ST SE	1935				50	YES	1
WH3840286	FHVLV	6	VALLEY DR SE	1956				50	YES	1
WH3840287	FHVLV	6	VALLEY DR SE	1956				50	YES	1
WH3840288	FHVLV	6	VALLEY DR SE	1956				50	YES	1
WH3840289	FHVLV	6	BRANCH RD SE	1956				50	YES	1
WH3840290	FHVLV	6	MANVELL RD SE	1977				50	NO	2
WH3840305	FHVLV	8	MANVELL RD SE	1982				50	NO	3
WH3840306	FHVLV	8	PARK ST SE	1982				50	NO	2
WH3840307	FHVLV	8	PARK ST SE	1982				50	NO	3
WH3840308	FHVLV	8	PARK ST SE	1977				50	NO	2
WH3840309	FHVLV	6	MOORE AV SE	1963				50	NO	2
WH3840310	FHVLV	6	BATTLE ST SE	1963				50	NO	2
WH3840311	FHVLV	8	WHISPERING WIND CT SE	1982				50	NO	3
WH3840312	FHVLV	6	WHISPERING WIND CT SE	1977				50	NO	2
WH3840313	FHVLV	8	MOORE AV SW	1977				50	NO	2
WH3840314	FHVLV	8	ELMAR DR SE	1982				50	NO	3
WH3840315	FHVLV	8	PARK ST SE	1982				50	NO	3
WH3840316	FHVLV	6	ELMAR DR SE	1954				50	YES	1
WH3840317	FHVLV	6	TAPAWINGO RD SE	1955				50	YES	1
WH3840318	FHVLV	6	TAPAWINGO RD SE	1955				50	YES	1
WH3840319	FHVLV	6	SIOUX CT SE	1966				50	NO	2
WH3840320	FHVLV	6	PRESCOTT CI SE	1962				50	NO	2
WH3840321	FHVLV	6	DALE CT SE	1967				50	NO	2
WH3840322	FHVLV	6	MOORE AV SE	1977				50	NO	2
WH3840339	FHVLV	6	ELMAR DR SE	1954				50	YES	1
WH3840340	FHVLV	6	CHARLES CI SW	1954				50	YES	1
WH3840341	FHVLV	6	TAPAWINGO RD SE	1955				50	YES	1
WH3840342	FHVLV	6	LULLABY LA SE	1955				50	YES	1
WH3840343	FHVLV	6	DESALE ST SW	1955				50	YES	1
WH3840344	FHVLV	6	TAPAWINGO RD SW	1955				50	YES	1
WH3840345	FHVLV	6	ELMAR DR SW	1961				50	NO	1
WH3840346	FHVLV	6	DESALE ST SW	1961				50	NO	1
WH3840347	FHVLV	6	DESALE ST SW	1961				50	NO	1
WH3840348	FHVLV	6	PLUM ST SW	1955				50	YES	1
WH3840349	FHVLV	6	SYMPHONY CI SW	1952				50	YES	1
WH3840350	FHVLV	6	SYMPHONY CI SW	1952				50	YES	1
WH3840351	FHVLV	6	LULLABY LA SE	1952				50	YES	1
WH3840352	FHVLV	6	LULLABY LA SE	1953				50	YES	1



Water Appurtenance Inventory

4/27/2011

Asset ID	Asset Type	Size	Street Name	Construction Year	Rehabilitation Year	Rehabilitation Method	Historic Action	Service Life	Exceeded Service Life	Condition
WH3840515	FHVLV	6	BATTLE ST SW	1974				50	NO	2
WH3840516	FHVLV	6	CENTER ST S	1968				50	NO	2
WH3840517	FHVLV	6	DOGWOOD ST SW	1968				50	NO	2
WH3840518	FHVLV	6	CENTER ST S	1970				50	NO	2
WH3840519	FHVLV	6	OAK ST SW	1970				50	NO	2
WH3840520	FHVLV	6	CHERRY ST SE	1968				50	NO	2
WH3840521	FHVLV	6	CHERRY ST SE	1968				50	NO	2
WH3840522	FHVLV	6	LOCUST ST SW	1973				50	NO	2
WH3840523	FHVLV	6	COTTAGE ST SW	1962				50	NO	2
WH3840524	FHVLV	6		1968				50	NO	2
WH3840525	FHVLV	6		1960				50	YES	1
WH3840526	FHVLV	8	LAWYERS RD NW	1928				50	YES	1
WH3840527	FHVLV	8	MAPLE AV W	1960				50	YES	1
WH3840528	FHVLV	8	MAPLE AV W	1960				50	YES	1
WH3840529	FHVLV	8	MAPLE AV E	1960				50	YES	1
WH3840530	FHVLV	8	MAPLE AV E	1960				50	YES	1
WH3840531	FHVLV	8	CHURCH ST NW	1960				50	YES	1
WH3840532	FHVLV	6	CENTER ST N	1966				50	NO	2
WH3840533	FHVLV	6	LAWYERS RD NW	1958				50	YES	1
WH3840534	FHVLV	6	WALNUT LA NW	1958				50	YES	1
WH3840535	FHVLV	12	SHORT ST NW	1930				50	YES	1
WH3840536	FHVLV	12	PLEASANT ST NW	1952				50	YES	1
WH3840537	FHVLV	6	CHURCH ST NW	1960				50	YES	1
WH3840538	FHVLV	8	MAPLE AV W	1960				50	YES	1
WH3840539	FHVLV	8	MAPLE AV W	1960				50	YES	1
WH3840540	FHVLV	6	PLEASANT ST SW	1952				50	YES	1
WH3840541	FHVLV	6	COURTHOUSE RD SW	1952				50	YES	1
WH3840542	FHVLV	6	COURTHOUSE CI SW	1928				50	YES	1
WH3840543	FHVLV	6	ELM ST SW	1963				50	NO	2
WH3840544	FHVLV	6	CHERRY ST SW	1968				50	NO	2
WH3840545	FHVLV	6	COURTHOUSE RD SW	1928				50	YES	1
WH3840546	FHVLV	8	MAPLE AV W	1960				50	YES	1
WH3840547	FHVLV	8	COTTAGE ST SW	1962				50	NO	2
WH3840548	FHVLV	6	TIMBER LA SW	1955				50	YES	1
WH3840549	FHVLV	6	PLUM ST SW	1955				50	YES	1
WH3840550	FHVLV	6	OAK ST SW	1970				50	NO	2
WH3840551	FHVLV	6	PLUM ST SW	1974				50	NO	2
WH3840552	FHVLV	6	BIRCH ST SW	1954				50	YES	1



Water Appurtenance Inventory

4/27/2011

Asset ID	Asset Type	Size	Street Name	Year of Construction	Rehabilitation Year	Rehabilitation Method	Historic Action	Service Life	Exceeded Service Life	Condition
WH3910202	FHVLV	6	SARATOGA WAY E NE	1974				50	NO	2
WH3910203	FHVLV	6	MAPLE AV E	1978				50	NO	3
WH3910204	FHVLV	6	SAINT ANDREWS DR NE	1978				50	NO	3
WH3910205	FHVLV	6	WESTBRIAR DR NE	1978				50	NO	3
WH3910206	FHVLV	6	MAPLE AV E	1982				50	NO	3
WH3910207	FHVLV	6	MAPLE AV E	1963				50	NO	2
WH3910208	FHVLV	12	MAPLE AV E	1960				50	YES	1
WH3910209	FHVLV	12	MAPLE AV E	1960				50	YES	1
WH3910211	FHVLV	6	WOLFRAP RD SE	1981				50	NO	3
WH3910212	FHVLV	6	ECHOLS ST SE	1981				50	NO	3
WH3910213	FHVLV	6	WHITE BEECH WY	1981				50	NO	3
WH3910214	FHVLV	6	WESTWOOD FOREST LA	1982				50	NO	3
WH3910215	FHVLV	8	WESTWOOD TE	1971				50	NO	2
WH3910216	FHVLV	6	WOLFTRAP RD	1974				50	NO	2
WH3910217	FHVLV	8	NIBLICK DR SE	1955				50	YES	1
WH3910218	FHVLV	6	ECHOLS ST SE	1956				50	YES	1
WH3910219	FHVLV	6	ORRIN ST SE	1956				50	YES	1
WH3910220	FHVLV	6	ALMA ST SE	1956				50	YES	1
WH3910221	FHVLV	6	ALMA ST SE	1956				50	YES	1
WH3910222	FHVLV	6	FOLLIN LA SE	1990				50	NO	3
WH3910223	FHVLV	6	NOTRE DAME DR	1978				50	NO	3
WH3910224	FHVLV	8	FOLLIN LA SE	1990				50	NO	2
WH3910225	FHVLV	8	PARKING LOT	1972				50	NO	3
WH3910226	FHVLV	6		1972				50	NO	2
WH3910228	FHVLV	8		1972				50	NO	2
WH3910229	FHVLV	8		1972				50	NO	2
WH3910230	FHVLV	8		1990				50	NO	2
WH3910231	FHVLV	8		1972				50	NO	2
WH3910232	FHVLV	6		1990				50	NO	3
WH3910233	FHVLV	6		1956				50	YES	1
WH3910234	FHVLV	8		1955				50	YES	1
WH3910235	FHVLV	8		1978				50	NO	3
WH3910236	FHVLV	6		1974				50	NO	2
WH3910237	FHVLV	6		1961				50	NO	1
WH3910238	FHVLV	6		1961				50	NO	1
WH3930227	FHVLV	6		1990				50	NO	3
WH3930239	FHVLV	6		1968				50	NO	2
WH3930240	FHVLV	6		1987				50	NO	3



Water Appurtenance Inventory

4/27/2011

Asset ID	Asset Type	Size	Street Name	Construction Year	Rehabilitation Year	Rehabilitation Method	Historic Action	Service Life	Exceeded Service Life	Condition
WH4810590	FHVLV	6	COURTHOUSE RD	1928				50	YES	1
WH4810591	FHVLV	12	TAPAWINGO RD SW	1955				50	YES	1
WH4810592	FHVLV	8	MOOREFIELD HILL GV SW	1977				50	NO	2
WH4810594	FHVLV	8	MOOREFIELD HILL PL SW	1976				50	NO	2
WH4810685	FHVLV	8	WHITECEDAR CT	1972				50	NO	2
WH4810749	FHVLV	8	COURTHOUSE RD	1978				50	NO	3
WH4810784	FHVLV	8	LEMONTREE LA	1971				50	NO	2
WH4810785	FHVLV	8	HUNTER CT SW	1960				50	YES	1
WH4810787	FHVLV	8	MOOREFIELD RD SW	1996				50	NO	4
WH4810788	FHVLV	8		1977				50	NO	2
WH4810789	FHVLV	8		1977				50	NO	2
WH4810852	FHVLV	6	CHERITON CT	1967				50	NO	2
WH4820360	FHVLV	8	KINGSLEY RD SW	1952				50	YES	1
WH4820565	FHVLV	8	WARE ST SW	1955				50	YES	1
WH4820593	FHVLV	4	MOOREFIELD HILL GV SW	1976				50	NO	2
WH4820595	FHVLV	8	MOOREFIELD HILL CT SW	1976				50	NO	2
WH4820596	FHVLV	4	NUTLEY ST SW	1959				50	YES	1
WH4820597	FHVLV	8	TAPAWINGO RD SW	1955				50	YES	1
WH4820598	FHVLV	8	TAPAWINGO RD SW	1955				50	YES	1
WH4820599	FHVLV	6	KINGSLEY RD SW	1952				50	YES	1
WH4820600	FHVLV	8	MOOREFIELD CREEK RD SW	1976				50	NO	2
WH4820601	FHVLV	6	MARSHALL RD SW	1975				50	NO	2
WH4820602	FHVLV	4	RACHEL LA SW	1976				50	NO	2
WH4820603	FHVLV	8	MARSHALL RD SW	1959				50	YES	1
WH4820604	FHVLV	6		1968				50	NO	2
WH4820605	FHVLV	8	MARSHALL RD SW	1959				50	YES	1
WH4820606	FHVLV	6	KINGSLEY RD SW	1952				50	YES	1
WH4820607	FHVLV	6	MYERS CI SW	1958				50	YES	1
WH4820608	FHVLV	6	KINGSLEY RD SW	1954				50	YES	1
WH4820609	FHVLV	6	KINGSLEY RD SW	1952				50	YES	1
WH4820655	FHVLV	6	ROSS DR SW	1960				50	YES	1
WH4820663	FHVLV	8	JAMES DR SW	1962				50	NO	2
WH4820665	FHVLV	6	DESALE ST SW	1961				50	NO	1
WH4820677	FHVLV	6	WALKER ST SW	1967				50	YES	1
WH4820678	FHVLV	6	WALKER ST SW	1959				50	YES	1
WH4820679	FHVLV	6	WARE ST SW	1959				50	NO	2
WH4820680	FHVLV	6	PEKAY ST SW	1959				50	YES	1
WH4820681	FHVLV	6								

Asset ID	Asset Type	Size	Street Name	Year of Construction	Rehabilitation Year	Rehabilitation Method	Historic Action	Service Life	Exceeded Service Life	Condition
WH4820827	FHVLV	6	POTTERTON CI SW	1958				50	YES	1
WH4820828	FHVLV	6	KINGSLEY RD SW	1952				50	YES	1
WH4820829	FHVLV	6	MEADOW LA SW	1954				50	YES	1
WH4820830	FHVLV	6	WARE ST SW	1959				50	YES	1
WH4820831	FHVLV	6	WARE ST SW	1967				50	NO	2
WH4820832	FHVLV	6	MOUNTFORT CT SW	1963				50	NO	2
WH4820833	FHVLV	6	AVERY CT SW	1966				50	NO	2
WH4820834	FHVLV	6	LYNN ST SW	1959				50	YES	1
WH4820835	FHVLV	6	KEARNEY CT SW	1972				50	NO	2
WH4820836	FHVLV	6	WARE ST SW	1967				50	NO	2
WH4820837	FHVLV	6	DELLWOOD DR	1959				50	YES	1
WH4820838	FHVLV	6	DELLWOOD DR	1959				50	YES	1
WH4820839	FHVLV	6	DELLWOOD DR	1959				50	YES	1
WH4820840	FHVLV	6	DELLWOOD DR	1959				50	YES	1
WH4820841	FHVLV	6	BRIAN DR	1959				50	YES	1
WH4820842	FHVLV	6	PEKAY ST SW	1959				50	YES	1
WH4820843	FHVLV	6	DELLWOOD DR	1959				50	YES	1
WH4820844	FHVLV	6	WARE ST SW	1959				50	YES	1
WH4820845	FHVLV	6	YEONAS DR	1959				50	YES	1
WH4820846	FHVLV	6	YEONAS DR	1959				50	YES	1
WH4820853	FHVLV	6	KINGSWAY CT SW	1999				50	NO	4
WH4910610	FHVLV	8	COTTAGE ST	1962				50	NO	2
WH4910611	FHVLV	6	BUCKNELL DR	1963				50	NO	2
WH4910612	FHVLV	6	BUCKNELL DR	1963				50	NO	2
WH4910613	FHVLV	8	BUCKNELL DR	1962				50	NO	2
WH4910614	FHVLV	8	MARYMOUNT LA	1962				50	NO	2
WH4910615	FHVLV	6	COLBY ST	1962				50	NO	2
WH4910616	FHVLV	6	DREXEL ST	1962				50	NO	2
WH4910617	FHVLV	6	COLBY ST	1963				50	NO	2
WH4910618	FHVLV	6	VILLANOVA DR	1962				50	NO	2
WH4910619	FHVLV	6	DREXEL ST	1962				50	NO	2
WH4910620	FHVLV	6	VILLANOVA DR	1962				50	NO	2
WH4910621	FHVLV	8	COTTAGE ST	1962				50	NO	2
WH4910622	FHVLV	8	COTTAGE ST	1962				50	NO	2
WH4910623	FHVLV	6	SYRACUSE CI	1962				50	NO	2
WH4910624	FHVLV	6	CARNEGIE DR	1962				50	NO	2
WH4910625	FHVLV	6	CARNEGIE DR	1962				50	NO	2
WH4910626	FHVLV	6	CARNEGIE DR	1962				50	NO	2



Water Appurtenance Inventory

4/27/2011

Asset ID	Asset Type	Size	Street Name	Construction Year	Rehabilitation Year	Rehabilitation Method	Historic Action	Service Life	Exceeded Service Life	Condition
WH4910668	FHVLV	6	FARDALE ST SE	2003				50	NO	4
WH4910669	FHVLV	6	PATRICK ST SE	1987				50	NO	3
WH4910670	FHVLV	6		1960				50	YES	1
WH4910671	FHVLV	6	PATRICK ST SE	1987				50	NO	3
WH4910672	FHVLV	6	PATRICK ST SE	1987				50	NO	3
WH4910673	FHVLV	6		1987				50	NO	3
WH4910674	FHVLV	6		1966				50	NO	2
WH4910675	FHVLV	8	PARK ST	1982				50	NO	3
WH4910676	FHVLV	6		1966				50	NO	2
WL2930001	VLVLT	12	OLD COURT HOUSE RD NE	1971				50	NO	2
WL2930002	VLVLT	12		1978				50	NO	3
WM2930001	MTVLT	6		1971				50	NO	2
WM3820004	MTVLT	12	MAPLE AV E	1960				50	NO	2
WM3830005	MTVLT	8	VALE RD	1965				50	NO	2
WM3830007	MTVLT	8	NUTLEY ST NW	1959				50	YES	1
WM3830008	MTVLT	8	WADE HAMPTON DR SW	1900				50	YES	1
WM3930002	MTVLT	8	PARKING LOT	1972				50	NO	2
WM3930003	MTVLT	8	PARKING LOT	1972				50	NO	2
WM4910006	MTVLT	8	COTTAGE ST SW	1962				50	NO	2
WN3840001	SPSYS	2		1966				50	NO	2
WP2950001	INPMP	6	CORAL GABLES LA	1971				50	NO	2
WV2820001	VALVE	8	TRAP RD	1971				50	NO	2
WV2820003	VALVE	8	TRAP RD	1971				50	NO	2
WV2820006	VALVE	4	HAMBLETONIAN PL	1969				50	NO	2
WV2820072	VALVE	4	BOIS AV	1978				50	NO	3
WV2820073	VALVE	8	BOIS AV	1970				50	NO	2
WV2820074	VALVE	4	ERMANTRUDE CT	1982				50	NO	3
WV2820101	VALVE	8	GELDING LA	1970				50	NO	2
WV2820102	VALVE	8	GELDING LA	1971				50	NO	2
WV2820103	VALVE	8	GELDING LA	1971				50	NO	2
WV2820109	VALVE	4	TRAP RD	1971				50	NO	2
WV2820110	VALVE	8	TRAP RD	1971				50	NO	2
WV2820111	VALVE	8	TRAP RD	1969				50	NO	2
WV2820112	VALVE	6	TRAP RD	1969				50	NO	2
WV2820113	VALVE	8	TRAP RD	1971				50	NO	2
WV2830002	VALVE	8	TRAP RD	1978				50	NO	3
WV2830012	VALVE	12	BEULAH RD	1988				50	NO	3
WV2830013	VALVE	8	BEULAH RD	1988				50	NO	3

Water Apurtenance Inventory

4/27/2011

Asset ID	Asset Type	Size	Street Name	Year of Street Construction		Rehabilitation Method	Historic Action	Service Life	Exceeded Service Life	Condition
				Year	Construction					
WV2830134	VALVE	8	CLARKS CROSSING RD	1983				50	NO	3
WV2830135	VALVE	6	PERCUSSION WY	1970				50	NO	2
WV2830136	VALVE	8	MEMORY CT	1969				50	NO	2
WV2830137	VALVE	6	PERCUSSION WY	1969				50	NO	2
WV2830138	VALVE	6	PODIUM DR	1970				50	NO	2
WV2830139	VALVE	6	PODIUM DR	1970				50	NO	2
WV2830140	VALVE	4	ALTO CT	1970				50	NO	2
WV2830141	VALVE	16	LABRADOR LA	1969				50	NO	2
WV2830142	VALVE	4	GRAMPION PL	1971				50	NO	2
WV2830143	VALVE	16	PERCUSSION WY	1969				50	NO	2
WV2830144	VALVE	8	ABBOTSFORD DR	1969				50	NO	2
WV2830145	VALVE	6	MACY AV	1994				50	NO	3
WV2830147	VALVE	6	PRELUDE DR	1970				50	NO	2
WV2830148	VALVE	4	PRELUDE DR	1970				50	NO	2
WV2830150	VALVE	8	WOODWIND WY	1970				50	NO	2
WV2830151	VALVE	6	WOODWIND WY	1970				50	NO	2
WV2830152	VALVE	8	WOODWIND WY	1972				50	NO	2
WV2830153	VALVE	6	WOODWIND WY	1971				50	NO	2
WV2830154	VALVE	8	WOODWIND WY	1971				50	NO	2
WV2830155	VALVE	8		1972				50	NO	2
WV2830156	VALVE	8	CARRIAGE CT	1973				50	NO	2
WV2830157	VALVE	8	AUBREY PLACE CT	1984				50	NO	3
WV2830158	VALVE	4	AUBREY PLACE CT	1984				50	NO	3
WV2830159	VALVE	8	AUBREY PLACE CT	1984				50	NO	3
WV2830160	VALVE	8	ABBOTSFORD DR	1969				50	NO	2
WV2830161	VALVE	4	ABBOTSFORD DR	1969				50	NO	2
WV2830162	VALVE	8	ABBOTSFORD DR	1969				50	NO	2
WV2830163	VALVE	8	ABBOTSFORD DR	1969				50	NO	2
WV2830164	VALVE	8	ABBOTSFORD DR	1969				50	NO	2
WV2830165	VALVE	6	MACY AV	1994				50	NO	3
WV2830166	VALVE	4	ABBOTSFORD DR	1970				50	NO	2
WV2830167	VALVE	16	ABBOTSFORD DR	1976				50	NO	2
WV2830168	VALVE	8	ABBOTSFORD DR	1976				50	NO	2
WV2830169	VALVE	6	SCARAB ST	1976				50	NO	2
WV2830170	VALVE	8	SCARAB ST	1976				50	NO	2
WV2830171	VALVE	8	SCARAB ST	1976				50	NO	2
WV2830172	VALVE	6	SCARAB ST	1972				50	NO	2
WV2830173	VALVE	4	SCARAB ST	1972				50	NO	2



Water Appurtenance Inventory

4/27/2011

Asset ID	Asset Type	Size	Street Name	Year of Street Construction	Rehabilitation Year	Rehabilitation Method	Historic Action	Service Life	Exceeded Service Life Condition
WV2840007	VALVE	6	GALLOWAY DR	1969				50	NO 2
WV2840008	VALVE	4	BRONCO LA	1970				50	NO 2
WV2840009	VALVE	4	MOONAC CT	1981				50	NO 3
WV2840010	VALVE	8	ARABIAN AV	1978				50	NO 3
WV2840011	VALVE	8	ARABIAN AV	1970				50	NO 2
WV2840023	VALVE	8	OLD COURTHOUSE RD	1978				50	NO 3
WV2840024	VALVE	8	OLD COURTHOUSE RD	1978				50	NO 3
WV2840025	VALVE	16	ABBOTSFORD DR	1969				50	NO 2
WV2840026	VALVE	16	ABBOTSFORD DR	1969				50	NO 2
WV2840027	VALVE	8	ABBOTSFORD DR	1968				50	NO 2
WV2840028	VALVE	6	ABBOTSFORD DR	1968				50	NO 2
WV2840029	VALVE	16	ABBOTSFORD DR	1969				50	NO 2
WV2840030	VALVE	4	SAINt ROMAN DR	1968				50	NO 2
WV2840031	VALVE	6	SAINt ROMAN DR	1968				50	NO 2
WV2840032	VALVE	3	SAINt ROMAN DR	1968				50	NO 2
WV2840033	VALVE	3	SAINt ROMAN DR	1968				50	NO 2
WV2840034	VALVE	8	BEULAH RD	1988				50	NO 3
WV2840035	VALVE	6	DELANCEY DR	1986				50	NO 3
WV2840038	VALVE	6	DELANCEY DR	1969				50	NO 2
WV2840039	VALVE	8	DELANCEY DR	1969				50	NO 2
WV2840040	VALVE	6	TALISMAN DR	1968				50	NO 2
WV2840041	VALVE	6	TALISMAN DR	1968				50	NO 2
WV2840043	VALVE	6	TALISMAN DR	1988				50	NO 3
WV2840044	VALVE	12	TALISMAN DR	1988				50	NO 3
WV2840045	VALVE	2	TALISMAN DR	1988				50	NO 3
WV2840046	VALVE	6	SAINt ROMAN DR	1968				50	NO 2
WV2840047	VALVE	6	SAINt ROMAN DR	1968				50	NO 2
WV2840048	VALVE	3	SAINt ROMAN DR	1968				50	NO 2
WV2840049	VALVE	6	CLACHAN CT	1968				50	NO 2
WV2840050	VALVE	4	CLACHAN CT	1968				50	NO 2
WV2840051	VALVE	4	CLACHAN CT	1968				50	NO 2
WV2840052	VALVE	6	TALISMAN DR	1968				50	NO 2
WV2840053	VALVE	8	TALISMAN DR	1968				50	NO 2
WV2840054	VALVE	4	KILPORT CT	1969				50	NO 2
WV2840055	VALVE	4	MIDLOTHIAN CT	1968				50	NO 2
WV2840056	VALVE	8	MIDLOTHIAN CT	1968				50	NO 2
WV2840057	VALVE	6	MIDLOTHIAN CT	1968				50	NO 2
WV2840058	VALVE	4	NIGEL CT	1968				50	NO 2



Water Appurtenance Inventory

4/27/2011

Asset ID	Asset Type	Size	Street Name	Year of Construction	Rehabilitation Year	Rehabilitation Method	Historic Action	Service Life	Exceeded Service Life	Condition
WV2840218	VALVE	6	WESTWOOD DR	1978				50	NO	3
WV2840219	VALVE	8	WESTWOOD DR NE	1971				50	NO	2
WV2840243	VALVE	6	ASHGROVE MEADOWS WY	1958				50	YES	1
WV2840244	VALVE	6	IRVIN ST	1966				50	NO	2
WV2840245	VALVE	8	IRVIN ST	1952				50	YES	1
WV2840246	VALVE	8	IRVIN ST	1966				50	NO	2
WV2840247	VALVE	8	PALM SPRINGS DR	1965				50	NO	2
WV2840248	VALVE	8	PALM SPRINGS DR	1952				50	YES	1
WV2840249	VALVE	4	DORAL CT	1966				50	NO	2
WV2840250	VALVE	8	PALM SPRINGS DR	1966				50	NO	2
WV2840251	VALVE	4	PALM SPRINGS DR	1966				50	NO	2
WV2840252	VALVE	8	PALM SPRINGS DR	1965				50	NO	2
WV2840253	VALVE	8	PALM SPRINGS DR	1965				50	NO	2
WV2840254	VALVE	8	PALM SPRINGS DR	1965				50	NO	2
WV2840255	VALVE	8	PALM SPRINGS DR	1977				50	NO	2
WV2840256	VALVE	6	PALM SPRINGS DR	1977				50	NO	2
WV2840257	VALVE	4	SKOKIE LA	1977				50	NO	2
WV2840258	VALVE	8	PALM SPRINGS DR	1965				50	NO	2
WV2840259	VALVE	8	PALM SPRINGS DR	1977				50	NO	2
WV2840260	VALVE	6	PALM SPRINGS DR	1977				50	NO	2
WV2840261	VALVE	6	OLYMPIA FIELDS LA	1977				50	NO	2
WV2840262	VALVE	6	OLYMPIA FIELDS LA	1977				50	NO	2
WV2840263	VALVE	6	OLYMPIA FIELDS LA	1977				50	NO	2
WV2840264	VALVE	6	OLYMPIA FIELDS LA	1977				50	NO	2
WV2840265	VALVE	6	PEBBLE BEACH DR	1977				50	NO	2
WV2840266	VALVE	6	PEBBLE BEACH DR	1977				50	NO	2
WV2840267	VALVE	8	PEBBLE BEACH DR	1977				50	NO	2
WV2840268	VALVE	8	PALM SPRINGS DR	1965				50	NO	2
WV2840269	VALVE	8	OLD COURTHOUSE RD	1977				50	NO	2
WV2840270	VALVE	8	WESTWOOD DR NE	1971				50	NO	2
WV2840271	VALVE	6	WESTWOOD DR NE	1963				50	NO	2
WV2840272	VALVE	8	WESTWOOD DR NE	1963				50	NO	2
WV2840273	VALVE	4	LONGVIEW CT NE	1963				50	NO	2
WV2840274	VALVE	4	LONGVIEW CT NE	1963				50	NO	2
WV2840275	VALVE	6	OVERLOOK LA NE	1969				50	NO	2
WV2840276	VALVE	8	OVERLOOK LA NE	1969				50	NO	2
WV2840277	VALVE	6	OVERLOOK LA NE	1971				50	NO	2
WV2840278	VALVE	8	WESTWOOD DR NE	1971				50	NO	2

Water Appurtenance Inventory



4/27/2011

Asset ID	Asset Type	Size	Street Name	Year of Street Construction	Rehabilitation Year	Rehabilitation Method	Historic Action	Service Life	Exceeded Service Life Condition
WV2840317	VALVE	16	WESTERHOLME WY	1968				50	NO 2
WV2840318	VALVE	6	LOCKERBIE LA	1968				50	NO 2
WV2840319	VALVE	4	WESTERHOLME WY	1968				50	NO 2
WV2840320	VALVE	16	WESTERHOLME WY	1968				50	NO 2
WV2840321	VALVE	6	LUPINE DEN DR	1985				50	NO 3
WV2840322	VALVE	6	LUPINE DEN DR	1985				50	NO 3
WV2840323	VALVE	8	LUPINE DEN DR	1985				50	NO 3
WV2840324	VALVE	6	LUPINE DEN CT	1985				50	NO 3
WV2840325	VALVE	6	LUPINE DEN CT	1985				50	NO 3
WV2840326	VALVE	6	LUPINE DEN CT	1985				50	NO 3
WV2840327	VALVE	8	DREWLAINE DR	1996				50	NO 4
WV2840328	VALVE	8	DREWLAINE DR	1996				50	NO 4
WV2840329	VALVE	8	BEST BOWER CT	2000				50	NO 4
WV2840330	VALVE	8	DREWLAINE DR	1996				50	NO 4
WV2840331	VALVE	8	TETTERTON AV	2000				50	NO 4
WV2840332	VALVE	8	TETTERTON AV	2000				50	NO 4
WV2840333	VALVE	8	TETTERTON AV	2000				50	NO 4
WV2840334	VALVE	8	TETTERTON AV	2000				50	NO 4
WV2840335	VALVE	8	OLD COURTHOUSE RD	1978				50	NO 3
WV2840336	VALVE	8	OLD COURTHOUSE RD	1978				50	NO 3
WV2840337	VALVE	4	KILLARNEY CT	1968				50	NO 2
WV2840338	VALVE	6	KILLARNEY CT	1968				50	NO 2
WV2840339	VALVE	6	WEXFORD DR	1980				50	NO 3
WV2840340	VALVE	6	WEXFORD DR	1980				50	NO 3
WV2840341	VALVE	6	WEXFORD DR	1980				50	NO 3
WV2840342	VALVE	6	WEXFORD WY	1980				50	NO 3
WV2840343	VALVE	6	LOCKERBIE LA	1968				50	NO 2
WV2840344	VALVE	6	WEXFORD DR	1968				50	NO 2
WV2840345	VALVE	6	LOCKERBIE LA	1980				50	NO 3
WV2840346	VALVE	6	LOCKERBIE LA	1968				50	NO 2
WV2840347	VALVE	4	SUNNY CREEK CV	1980				50	NO 3
WV2840348	VALVE	4	SUNNY CREEK CV	1991				50	NO 3
WV2840349	VALVE	6	FOXSTONE DR	1969				50	NO 2
WV2840350	VALVE	6	FOXSTONE DR	1969				50	NO 2
WV2840351	VALVE	6	FOXSTONE DR	1980				50	NO 3
WV2840352	VALVE	6	FOXSTONE DR	1980				50	NO 3
WV2840353	VALVE	6	RIDGE LA	1980				50	NO 3
WV2840354	VALVE	4	NIGEL CT	1968				50	NO 2

Asset ID	Asset Type	Size	Street Name	Year of Construction	Rehabilitation Year	Rehabilitation Method	Historic Action	Service Life	Exceeded Condition
WV2930200	VALVE	8	OLD COURT HOUSE RD NE	1982				50	NO 3
WV2930201	VALVE	8	OLD COURT HOUSE RD NE	1971				50	NO 2
WV2930202	VALVE	8	WESTBRIAR CT NE	1982				50	NO 3
WV2930203	VALVE	16	WESTBRIAR CT NE	1982				50	NO 3
WV2930204	VALVE	8	WESTBRIAR CT NE	1982				50	NO 3
WV2930205	VALVE	8	FARWAY DR NE	1971				50	NO 2
WV2930206	VALVE	6	FARWAY DR NE	1965				50	NO 2
WV2930207	VALVE	6	COURSE ST NE	1965				50	NO 2
WV2930208	VALVE	8	OLD COURTHOUSE RD	1978				50	NO 3
WV2930209	VALVE	4	PINE VALLEY DR	1966				50	NO 2
WV2930210	VALVE	8	PINE VALLEY DR	1965				50	NO 2
WV2930211	VALVE	6	BURNING TREE DR	1965				50	NO 2
WV2930212	VALVE	6	BURNING TREE DR	1965				50	NO 2
WV2930213	VALVE	6	BURNING TREE DR	1971				50	NO 2
WV2930214	VALVE	6	BURNING TREE DR	1965				50	NO 2
WV2930215	VALVE	6	PINE NEEDLES CT	1965				50	NO 2
WV2930216	VALVE	6	PINE NEEDLES CT	1965				50	NO 2
WV2930220	VALVE	4	THUNDERBIRD CT	1966				50	NO 2
WV2930221	VALVE	4	TAMERISK CT	1966				50	NO 2
WV2930222	VALVE	4	THUNDERBIRD CT	1966				50	NO 2
WV2930223	VALVE	4	THUNDERBIRD CT	1966				50	NO 2
WV2930224	VALVE	4	THUNDERBIRD CT	1966				50	NO 2
WV2930225	VALVE	4	THUNDERBIRD CT	1965				50	NO 2
WV2930226	VALVE	8	PINE VALLEY DR	1965				50	NO 2
WV2930227	VALVE	8	PINE VALLEY DR	1965				50	NO 2
WV2930228	VALVE	8	PINE VALLEY DR	1965				50	NO 2
WV2930229	VALVE	8	PINE VALLEY DR	1965				50	NO 2
WV2930230	VALVE	8	PINE VALLEY DR	1971				50	NO 2
WV2930231	VALVE	8	CORAL GABLES LA	1965				50	NO 2
WV2930232	VALVE	6	CORAL GABLES LA	1971				50	NO 2
WV2930233	VALVE	6	PAISLEY BLUE CT	1977				50	NO 2
WV2930234	VALVE	6	CORAL GABLES LA	1971				50	NO 2
WV2930235	VALVE	6	CORAL GABLES LA	1977				50	NO 2
WV2930236	VALVE	6	CORAL GABLES LA	1977				50	NO 2
WV2930237	VALVE	6	CORAL GABLES LA	1971				50	NO 2
WV2930238	VALVE	6	CORAL GABLES LA	1971				50	NO 2
WV2930239	VALVE	6	CORAL GABLES LA	1971				50	NO 2
WV2930240	VALVE	6	CORAL GABLES LA	1978				50	NO 3

Town of
Vienna

4/27/2011

Water Appurtenance Inventory

Asset ID	Asset Type	Size	Street Name	Year of Street Construction	Rehabilitation Year	Rehabilitation Method	Historic Action	Service Life	Exceeded Service Life	Condition
WV3810853	VALVE	4	GARRETT ST	1969				50	NO	2
WV3810854	VALVE	8	GARRETT ST	1969				50	NO	2
WV3810855	VALVE	8	STEEPLE RN	1969				50	NO	2
WV3810856	VALVE	4	STEEPLE RN	1969				50	NO	2
WV3810857	VALVE	4	TARTAN CT	1969				50	NO	2
WV3810858	VALVE	6	GARRETT ST	1969				50	NO	2
WV3810859	VALVE	8	GARRETT ST	1969				50	NO	2
WV3810861	VALVE	8	GARRETT ST	1969				50	NO	2
WV3810862	VALVE	8	HELMWOOD CT	1952				50	YES	1
WV3810863	VALVE	6	HELMWOOD CT	1952				50	YES	1
WV3810865	VALVE	8	POST RD	1973				50	NO	2
WV3810866	VALVE	8	POST RD	1973				50	NO	2
WV3810867	VALVE	8	POST RD	1974				50	NO	2
WV3810868	VALVE	6	BRIDLERIDGE CT	1974				50	NO	2
WV3810869	VALVE	8		1974				50	NO	2
WV3810870	VALVE	8	GUNNELL FARMS DR	1972				50	NO	2
WV3810871	VALVE	6	MEADOW VALLEY DR	1972				50	NO	2
WV3810872	VALVE	8	MEADOW VALLEY DR	1972				50	NO	2
WV3810873	VALVE	6	MEADOW VALLEY DR	1972				50	NO	2
WV3810874	VALVE	8	MEADOW VALLEY DR	1972				50	NO	2
WV3810875	VALVE	6	MEADOW DALE CT	1972				50	NO	2
WV3810876	VALVE	6	GUNNELL FARMS DR	1972				50	NO	2
WV3810877	VALVE	8	GUNNELL FARMS DR	1972				50	NO	2
WV3810878	VALVE	6	GUNNELL FARMS DR	1972				50	NO	2
WV3810879	VALVE	6	MEADOW KNOLL CT	1973				50	NO	2
WV3810880	VALVE	8	GUNNELL FARMS DR	1972				50	NO	2
WV3810881	VALVE	6	KEDGE CT	1978				50	NO	3
WV3810882	VALVE	6	KEDGE CT	1978				50	NO	3
WV3810883	VALVE	8	KEDGE CT	1978				50	NO	3
WV3810884	VALVE	6	KEDGE CT	1978				50	NO	3
WV3810885	VALVE	6	GUNNELL FARMS DR	1972				50	NO	2
WV3810886	VALVE	4	KEDGE DR	1978				50	NO	3
WV3810887	VALVE	6	MEADOW VALLEY DR	1972				50	NO	2
WV3810888	VALVE	6	KEDGE CT	1978				50	NO	3
WV3810889	VALVE	8	KEDGE DR	1978				50	NO	3
WV3810890	VALVE	8	MEADOW VALLEY DR	1978				50	NO	3
WV3810891	VALVE	8	MEADOW VALLEY DR	1972				50	NO	2
WV3810892	VALVE	8	MEADOW VALLEY DR	1972				50	NO	2



Virginia
Department of
Transportation

Water Appurtenance Inventory

4/27/2011

Asset ID	Asset Type	Size	Street Name	Year of Street Construction		Rehabilitation Year	Rehabilitation Method	Historic Action	Service Life	Exceeded Service Life	Condition
				Year	Method						
WV3810931	VALVE	4	PODIUM DR	1970					50	NO	2
WV3810932	VALVE	16	ABBOTSFORD DR	1969					50	NO	2
WV3810933	VALVE	16	ABBOTSFORD DR	1969					50	NO	2
WV3810934	VALVE	16	CLIENT DR	1969					50	NO	2
WV3810935	VALVE	6	CLIENT DR	1969					50	NO	2
WV3810936	VALVE	16	ABBOTSFORD DR	1966					50	NO	2
WV3810937	VALVE	8	CENTER ST	1969					50	NO	2
WV3810938	VALVE	16	ABBOTSFORD DR	1966					50	NO	2
WV3810939	VALVE	8	CENTER ST	1966					50	NO	2
WV3810940	VALVE	6	CENTER ST	1966					50	NO	2
WV3810941	VALVE	8	CENTER ST	1966					50	NO	2
WV3810942	VALVE	4	SHERIFF CT	1969					50	NO	2
WV3810943	VALVE	6	CENTER ST	1966					50	NO	2
WV3810944	VALVE	4	STATUTE LA	1969					50	NO	2
WV3810945	VALVE	4	STATUTE LA	1969					50	NO	2
WV3810946	VALVE	4	DARROW CT	1969					50	NO	2
WV3810947	VALVE	6	ABBOTSFORD DR	1969					50	NO	2
WV3810948	VALVE	6	COUNSELLOR DR	1969					50	NO	2
WV3810949	VALVE	16	ABBOTSFORD DR	1969					50	NO	2
WV3810950	VALVE	12	ABBOTSFORD DR	1969					50	NO	2
WV3810951	VALVE	12	ABBOTSFORD DR	1958					50	YES	1
WV3810952	VALVE	12	ABBOTSFORD DR	1958					50	YES	1
WV3810953	VALVE	6	COUNSELLOR DR	1969					50	NO	2
WV3810954	VALVE	4	COUNSELLOR DR	1969					50	NO	2
WV3810955	VALVE	6	COUNSELLOR DR	1969					50	NO	2
WV3810956	VALVE	6	COUNSELLOR DR	1969					50	NO	2
WV3810957	VALVE	6	DECREE LA	1969					50	NO	2
WV3810958	VALVE	3	COUNSELLOR DR	1969					50	NO	2
WV3810959	VALVE	4	STATUTE LA	1969					50	NO	2
WV3810960	VALVE	6	BLAIR CT NW	1979					50	NO	3
WV3810961	VALVE	6	BRENTWOOD CT NW	1993					50	NO	3
WV3810962	VALVE	6	BRENTWOOD CT NW	1993					50	NO	3
WV3810963	VALVE	6	BRENTWOOD CT NW	1993					50	NO	3
WV3810964	VALVE	6	LAWYERS RD NW	1958					50	YES	1
WV3810965	VALVE	6	BLAIR CT NW	1958					50	YES	1
WV3810966	VALVE	8	LAWYERS RD NW	1958					50	YES	1
WV3810967	VALVE	6	WITNESS CT NW	1969					50	NO	2
WV3810968	VALVE	4	WITNESS CT NW	1969					50	NO	2

Asset ID	Asset Type	Size	Street Name	Year of Street Construction	Rehabilitation Year	Rehabilitation Method	Historic Action	Service Life	Exceeded Service Life	Condition
WV3811007	VALVE	6	JOHN MARSHALL DR NW	1968				50	NO	2
WV3811008	VALVE	6	HOLMES DR NW	1954				50	YES	1
WV3811009	VALVE	6	HOLMES DR NW	1954				50	YES	1
WV3811010	VALVE	6	TAZEWELL RD NW	1955				50	YES	1
WV3811011	VALVE	6	HOLMES DR NW	1954				50	YES	1
WV3811012	VALVE	4	HOLMES DR NW	1954				50	YES	1
WV3811013	VALVE	6	HOLMES DR NW	1954				50	YES	1
WV3811014	VALVE	8	LEWIS ST NW	1958				50	YES	1
WV3811015	VALVE	6	LEWIS ST NW	1934				50	YES	1
WV3811016	VALVE	6	LEWIS ST NW	1954				50	YES	1
WV3811017	VALVE	4	HOLMES DR NW	1954				50	YES	1
WV3811018	VALVE	6	HOLMES CT NW	1958				50	YES	1
WV3811019	VALVE	8	MALCOLM RD NW	1958				50	YES	1
WV3811020	VALVE	4	STEEPLE RN	1969				50	NO	2
WV3811021	VALVE	12	LAWYERS RD	1969				50	NO	2
WV3811022	VALVE	8	LOCH LOMOND DR	1969				50	NO	2
WV3811023	VALVE	4	SHERIFF CT	1969				50	NO	2
WV3811038	VALVE	8	LAWYERS RD	1958				50	YES	1
WV3811704	VALVE	6	RHAPSODY DR	1972				50	NO	2
WV3811705	VALVE	8		1972				50	NO	2
WV3811706	VALVE	12	ABBOTSFORD DR	1969				50	NO	2
WV3811707	VALVE	8	CARMICHAEL DR	1970				50	NO	2
WV3811708	VALVE	6	BONAVVENTURE DR	1999				50	NO	4
WV3811709	VALVE	8	POST RD	1973				50	NO	2
WV3811710	VALVE	6	FREDA DR	1972				50	NO	2
WV3811711	VALVE	8	CENTER ST N	1999				50	NO	4
WV3811712	VALVE	8	CENTER ST N	1966				50	NO	2
WV3811713	VALVE	6	COLONY CT NW	1958				50	YES	1
WV3811766	VALVE	4	CANTATA CT	1971				50	NO	2
WV3811767	VALVE	6	GUNNELL FARMS DR	1972				50	NO	2
WV3820371	VALVE	6	FOXSTONE DR	1969				50	NO	2
WV3820397	VALVE	6	MCKINLEY ST	1964				50	NO	2
WV3820398	VALVE	6	MCKINLEY ST	1971				50	NO	2
WV3820399	VALVE	6	SAYBROOK CT	1974				50	NO	2
WV3820400	VALVE	6	WAREHAM CT	1971				50	NO	2
WV3820401	VALVE	6	WAREHAM CT	1974				50	NO	2
WV3820402	VALVE	6	WAREHAM CT	1971				50	NO	2
WV3820403	VALVE	6	MCKINLEY ST	1964				50	NO	2

Asset ID	Asset Type	Size	Street Name	Year of Street Construction	Rehabilitation Year	Rehabilitation Method	Historic Action	Service Life	Exceeded Service Life	Condition
WV3820449	VALVE	6	BEULAH RD NE	1988				50	NO	3
WV3820450	VALVE	6	BEULAH RD NE	1988				50	NO	3
WV3820451	VALVE	6	BEULAH RD NE	1988				50	NO	3
WV3820452	VALVE	6	BEULAH RD NE	1975				50	NO	2
WV3820453	VALVE	6	DRUID HILL RD NE	1988				50	NO	3
WV3820454	VALVE	6	NELSON DR NE	1988				50	NO	3
WV3820455	VALVE	6	BEULAH RD NE	1988				50	NO	3
WV3820456	VALVE	6	CYNTHIA LA	1968				50	NO	2
WV3820457	VALVE	6	BEULAH RD NE	1960				50	YES	1
WV3820458	VALVE	6	GLYNDON ST NE	1935				50	YES	1
WV3820459	VALVE	6	HILL TOP RD NE	1982				50	NO	3
WV3820460	VALVE	4	JEAN PL NE	1969				50	NO	2
WV3820461	VALVE	4	JEAN PL NE	1935				50	YES	1
WV3820462	VALVE	4	GLYNDON ST NE	1995				50	NO	4
WV3820463	VALVE	4	AINSTREE CT NE	1995				50	NO	4
WV3820464	VALVE	6	PARK ST NE	1982				50	NO	3
WV3820465	VALVE	4	ALBEA CT NE	1967				50	NO	2
WV3820466	VALVE	4	ALBEA CT NE	1982				50	NO	3
WV3820467	VALVE	6	PARK ST NE	1982				50	NO	3
WV3820468	VALVE	8	MILL ST NE	1980				50	NO	3
WV3820469	VALVE	6		1970				50	NO	2
WV3820471	VALVE	6	GLYNDON ST NE	1968				50	NO	2
WV3820473	VALVE	6	DOMINION RD NE	1980				50	NO	3
WV3820474	VALVE	6	DOMINION RD NE	1980				50	NO	3
WV3820475	VALVE	8	DOMINION RD NE	1980				50	NO	3
WV3820476	VALVE	8	MILL ST NE	1980				50	NO	3
WV3820477	VALVE	8	DOMINION RD NE	1980				50	NO	3
WV3820478	VALVE	8	CENTER ST N	1980				50	NO	3
WV3820479	VALVE	8	CENTER ST N	1966				50	NO	2
WV3820480	VALVE	4	CENTER ST N	1966				50	NO	2
WV3820484	VALVE	6	LAWYERS RD NW	1963				50	NO	2
WV3820485	VALVE	6	AYR HILL AV NW	1980				50	NO	3
WV3820486	VALVE	6	CENTER ST N	1976				50	NO	2
WV3820487	VALVE	6	GLYNDON ST NE	1980				50	NO	3
WV3820488	VALVE	6	PARK ST NE	1980				50	NO	3
WV3820489	VALVE	4		1935				50	YES	1
WV3820490	VALVE	8	NELSON DR NE	1954				50	YES	1
WV3820491	VALVE	8		1966				50	NO	2



Water Appurtenance Inventory

4/27/2011

Asset ID	Asset Type	Size	Street Name	Year of Street Construction	Rehabilitation Year	Rehabilitation Method	Historic Action	Service Life	Exceeded Service Life	Condition
WV3820682	VALVE	12	MAPLE AV E	1960				50	YES	1
WV3820683	VALVE	12	MAPLE AV E	1960				50	YES	1
WV3820684	VALVE	6	WESTMANOR CT SE	1997				50	NO	4
WV3820685	VALVE	6	MASHIE DR SE	1956				50	NO	4
WV3820686	VALVE	6	MASHIE DR SE	1956				50	YES	1
WV3820687	VALVE	2	MASHIE DR SE	1956				50	YES	1
WV3820688	VALVE	6	MASHIE DR SE	1956				50	YES	1
WV3820689	VALVE	12	MAPLE AV E	1960				50	YES	1
WV3820690	VALVE	12	MAPLE AV E	1960				50	YES	1
WV3820691	VALVE	6	EAST ST NE	1966				50	NO	2
WV3820692	VALVE	4	KENYON LA NE	1978				50	NO	3
WV3820693	VALVE	8	KENYON LA NE	1978				50	NO	3
WV3820694	VALVE	6		1978				50	NO	3
WV3820695	VALVE	6		1978				50	NO	3
WV3820696	VALVE	6	EAST ST NE	1966				50	NO	3
WV3820697	VALVE	6	EAST ST SE	1966				50	NO	2
WV3820698	VALVE	6	FOLLIN LA SE	1990				50	NO	3
WV3820699	VALVE	6	MAPLE AV E	1960				50	YES	1
WV3820700	VALVE	6	BERRY ST SE	1960				50	NO	2
WV3820701	VALVE	6	BERRY ST SE	1971				50	NO	2
WV3820733	VALVE	8	BERRY ST SE	1971				50	NO	2
WV3820734	VALVE	8	BERRY ST SE	1971				50	NO	2
WV3820735	VALVE	8	BERRY ST SE	1971				50	NO	2
WV3820736	VALVE	4	BERRY ST SE	1971				50	NO	2
WV3820737	VALVE	4	PINE ST SE	1890				50	YES	1
WV3820738	VALVE	4	BERRY ST SE	1958				50	YES	1
WV3820739	VALVE	8	BERRY ST SE	1958				50	YES	1
WV3820740	VALVE	6	HINE ST SE	1958				50	YES	1
WV3820741	VALVE	6	BERRY ST SE	1957				50	YES	1
WV3820742	VALVE	6	BERRY ST SE	1971				50	NO	2
WV3820743	VALVE	6	BERRY ST SE	1981				50	NO	3
WV3820744	VALVE	6	ECHO ST SE	1956				50	YES	1
WV3820745	VALVE	6	ECHO ST SE	1956				50	YES	1
WV3820749	VALVE	6	BRANCH RD SE	1956				50	YES	1
WV3820750	VALVE	6	BRANCH RD SE	1956				50	YES	1
WV3820751	VALVE	6	BRANCH RD SE	1955				50	NO	2
WV3820752	VALVE	6	BRANCH RD SE	1973				50	NO	2
WV3820753	VALVE	6	BRANCH RD SE	1973				50	NO	2

Water Appurtenance Inventory

4/27/2011

Asset ID	Asset Type	Size	Street Name	Year of Street Construction		Rehabilitation Year	Rehabilitation Method	Historic Action	Service Life	Exceeded Service Life	Condition
				Year	Construction						
WV3821044	VALVE	8	MAPLE AV E	1960					50	YES	1
WV3821039	VALVE	6	GLYNDON ST SE	1935					50	YES	1
WV3821040	VALVE	6	GLYNDON ST SE	1935					50	YES	1
WV3821041	VALVE	6	CHARLES ST SE	1973					50	NO	2
WV3821042	VALVE	6	CHARLES ST SE	1973					50	NO	2
WV3821043	VALVE	4	PARKING LOT	1972					50	NO	2
WV3821044	VALVE	6		1935					50	YES	1
WV3821045	VALVE	4	PARKING LOT	1972					50	NO	2
WV3821046	VALVE	4	PARKING LOT	1972					50	NO	2
WV3821047	VALVE	6	BRANCH RD SE	1956					50	YES	1
WV3821048	VALVE	6	BRANCH RD SE	1956					50	YES	1
WV3821049	VALVE	6		1972					50	NO	2
WV3821050	VALVE	4	PARKING LOT	1972					50	NO	2
WV3821051	VALVE	4	PARKING LOT	1972					50	NO	2
WV3821052	VALVE	6	MAPLE AV E	1956					50	YES	1
WV3821053	VALVE	8	BEULAH RD NE	1960					50	YES	1
WV3821054	VALVE	8	BEULAH RD NE	1960					50	YES	1
WV3821055	VALVE	4		1960					50	YES	1
WV3821056	VALVE	8	BEULAH RD NE	1960					50	YES	1
WV3821057	VALVE	6	COUNCIL CT NE	1982					50	NO	3
WV3821058	VALVE	6	COUNCIL CT NE	1982					50	NO	3
WV3821059	VALVE	6	COUNCIL DR NE	1982					50	NO	3
WV3821060	VALVE	6	CHURCH ST NE	1982					50	NO	3
WV3821061	VALVE	6	COUNCIL DR NE	1982					50	NO	3
WV3821062	VALVE	8	GLYNDON ST NE	1960					50	YES	1
WV3821063	VALVE	4	GLYNDON ST SE	1960					50	YES	1
WV3821697	VALVE	4	DEVONSHIRE DR NE	1965					50	NO	2
WV3821699	VALVE	4		1982					50	NO	3
WV3821700	VALVE	4		1982					50	NO	3
WV3821701	VALVE	4		1960					50	YES	1
WV3821730	VALVE	6	ALBEA CT NE	1982					50	NO	3
WV3821731	VALVE	6	PARK ST NE	1982					50	NO	3
WV3821732	VALVE	6	GLYNDON ST NE	1965					50	NO	2
WV3821733	VALVE	6	GLYNDON ST NE	1935					50	YES	1
WV3821734	VALVE	6	GLYNDON ST NE	1995					50	NO	4
WV3821735	VALVE	6	JEAN PL NE	1935					50	YES	1
WV3821736	VALVE	6	BROADLEAF DR NE	1965					50	NO	2
WV3821737	VALVE	6	CYNTHIA LA NE	1968					50	NO	2



Water Appurtenance Inventory

4/27/2011

Asset ID	Asset Type	Size	Street Name	Year of Construction	Rehabilitation Year	Rehabilitation Method	Historic Action	Service Life	Exceeded Service Life	Condition
WV3831397	VALVE	4	GLENGYLE DR	1978				50	NO	3
WV3831398	VALVE	6	GLENGYLE DR	1978				50	NO	3
WV3831399	VALVE	6	GLENGYLE DR	1978				50	NO	3
WV3831400	VALVE	4	GLENGYLE DR	1978				50	NO	3
WV3831401	VALVE	6	GLENGYLE DR	1978				50	NO	3
WV3831402	VALVE	4	GLENGYLE DR	1978				50	NO	3
WV3831403	VALVE	6	GLENGYLE DR	1978				50	NO	3
WV3831404	VALVE	4	GLENGYLE DR	1978				50	NO	3
WV3831405	VALVE	6	GLENGYLE DR	1978				50	NO	3
WV3831406	VALVE	6	GLENGYLE DR	1978				50	NO	3
WV3831407	VALVE	6	GLENGYLE DR	1978				50	NO	3
WV3831408	VALVE	8		1978				50	NO	3
WV3831409	VALVE	6	GLENGYLE DR	1978				50	NO	3
WV3831410	VALVE	4	GLENGYLE DR	1978				50	NO	3
WV3831411	VALVE	6	GLENGYLE DR	1978				50	NO	3
WV3831412	VALVE	6		1978				50	NO	3
WV3831413	VALVE	6	GLENGYLE DR	1978				50	NO	3
WV3831414	VALVE	4	GLENGYLE DR	1978				50	NO	3
WV3831415	VALVE	6		1978				50	NO	3
WV3831416	VALVE	3		1937				50	YES	1
WV3831417	VALVE	6	FLINT HILL RD	1959				50	YES	1
WV3831418	VALVE	6	SUNRISE RD	1959				50	YES	1
WV3831419	VALVE	6	FLINT HILL RD	1958				50	YES	1
WV3831420	VALVE	6	SUNRISE RD	1959				50	YES	1
WV3831422	VALVE	8	BABCOCK RD	1967				50	NO	2
WV3831423	VALVE	8	BABCOCK RD	1967				50	NO	2
WV3831425	VALVE	6	RHAPSODY DR	1972				50	NO	2
WV3831426	VALVE	6	MALCOLM RD NW	1969				50	NO	2
WV3831427	VALVE	8	MALCOLM RD NW	1969				50	NO	2
WV3831428	VALVE	6	MALCOLM RD NW	1969				50	NO	2
WV3831429	VALVE	6	MALCOLM RD NW	1978				50	NO	3
WV3831430	VALVE	6	LINCOLN ST NW	1978				50	NO	3
WV3831431	VALVE	8	NUTLEY ST NW	1990				50	NO	3
WV3831432	VALVE	6	NUTLEY ST NW	1990				50	NO	3
WV3831433	VALVE	8	ORCHARD ST NW	1959				50	YES	1
WV3831434	VALVE	6	VALEVIEW CT NW	1968				50	NO	2
WV3831435	VALVE	6	MALCOLM RD NW	1969				50	NO	2
WV3831436	VALVE	4	OAK VALE CT NW	1984				50	NO	3

Asset ID	Asset Type	Size	Street Name	Year of Construction	Rehabilitation Year	Rehabilitation Method	Historic Action	Service Life	Exceeded Service Life	Condition
WV3831475	VALVE	4	ORCHARD ST NW	1959				50	YES	1
WV3831476	VALVE	6	ORCHARD ST NW	1990				50	NO	3
WV3831477	VALVE	6	LEWIS ST NW	1934				50	YES	1
WV3831478	VALVE	6	LEWIS ST NW	1969				50	NO	2
WV3831479	VALVE	6	LEWIS ST NW	1990				50	NO	3
WV3831480	VALVE	6	LEWIS ST NW	1934				50	YES	1
WV3831481	VALVE	6	LEWIS ST NW	1934				50	YES	1
WV3831482	VALVE	6	WEST ST NW	1989				50	NO	3
WV3831483	VALVE	8	MALCOLM RD NW	1969				50	NO	2
WV3831484	VALVE	8	MALCOLM RD NW	1969				50	NO	2
WV3831485	VALVE	4	ORCHARD CT NW	1990				50	NO	3
WV3831486	VALVE	4		1990				50	NO	3
WV3831487	VALVE	6	NUTLEY ST NW	1959				50	YES	1
WV3831488	VALVE	8		1959				50	YES	1
WV3831489	VALVE	8		1959				50	YES	1
WV3831490	VALVE	8		1959				50	YES	1
WV3831491	VALVE	8		1959				50	YES	1
WV3831492	VALVE	8		1959				50	YES	1
WV3831493	VALVE	8		1959				50	YES	1
WV3831494	VALVE	6		1959				50	YES	1
WV3831495	VALVE	8		1959				50	YES	1
WV3831496	VALVE	8		1959				50	YES	1
WV3831497	VALVE	8		1959				50	YES	1
WV3831498	VALVE	8		1978				50	NO	3
WV3831499	VALVE	8		1978				50	NO	3
WV3831500	VALVE	6		1978				50	NO	3
WV3831501	VALVE	6		1959				50	YES	1
WV3831502	VALVE	6	JAMES MADISON DR	1959				50	YES	1
WV3831503	VALVE	8	CHAIN BRIDGE RD	1937				50	YES	1
WV3831504	VALVE	8	JAMES MADISON DR	1959				50	YES	1
WV3831505	VALVE	8	JAMES MADISON DR	1959				50	YES	1
WV3831506	VALVE	6		1959				50	YES	1
WV3831507	VALVE	8		1978				50	NO	3
WV3831508	VALVE	3		1959				50	YES	1
WV3831509	VALVE	8		1978				50	NO	3
WV3831510	VALVE	8		1978				50	NO	3
WV3831511	VALVE	6		1978				50	NO	3
WV3831512	VALVE	3		1959				50	YES	1



Water Appurtenance Inventory

4/27/2011

Asset ID	Asset Type	Size	Street Name	Year of Construction	Rehabilitation Year	Rehabilitation Method	Historic Action	Service Life	Exceeded Service Life	Condition
WV3831552	VALVE	8	CERET CT SW	1978				50	NO	3
WV3831553	VALVE	8	CERET CT SW	1978				50	NO	3
WV3831554	VALVE	4	CERET CT SW	1978				50	NO	3
WV3831555	VALVE	4	PARIS CT SW	1978				50	NO	3
WV3831556	VALVE	8	ROLAND ST SW	1994				50	NO	3
WV3831557	VALVE	8	CERET CT SW	1978				50	NO	3
WV3831558	VALVE	6	MENDON LA SW	1988				50	NO	3
WV3831559	VALVE	8	NUTLEY ST SW	1994				50	NO	3
WV3831560	VALVE	8	ROLAND ST SW	1994				50	NO	3
WV3831561	VALVE	8	ROLAND ST SW	1994				50	NO	3
WV3831562	VALVE	8	MAPLE AV W	1900				50	YES	1
WV3831563	VALVE	8	MAPLE AV W	1900				50	YES	1
WV3831564	VALVE	12	MAPLE AV W	1960				50	YES	1
WV3831565	VALVE	8	MAPLE AV W	1900				50	YES	1
WV3831566	VALVE	8	NUTLEY ST NW	1959				50	YES	1
WV3831567	VALVE	8	NUTLEY ST NW	1959				50	YES	1
WV3831568	VALVE	12	MAPLE AV W	1960				50	YES	1
WV3831569	VALVE	8	NUTLEY ST NW	1960				50	YES	1
WV3831570	VALVE	4	APPLE BLOSSOM CT	1977				50	NO	2
WV3831571	VALVE	6	NUTLEY ST NW	1959				50	YES	1
WV3831572	VALVE	4		1959				50	YES	1
WV3831573	VALVE	4	COMMONS DR NW	1959				50	YES	1
WV3831574	VALVE	8	COMMONS DR NW	1959				50	YES	1
WV3831575	VALVE	6	COMMONS DR NW	1968				50	NO	2
WV3831576	VALVE	6	NUTLEY ST NW	1959				50	YES	1
WV3831577	VALVE	8	NUTLEY ST NW	1959				50	YES	1
WV3831578	VALVE	6	NUTLEY ST NW	1959				50	YES	1
WV3831579	VALVE	8	NUTLEY ST NW	1959				50	YES	1
WV3831580	VALVE	6	NUTLEY ST NW	1969				50	NO	2
WV3831581	VALVE	6		1959				50	YES	1
WV3831582	VALVE	8	NUTLEY ST NW	1959				50	YES	1
WV3831583	VALVE	8		1959				50	YES	1
WV3831584	VALVE	6	JADE CT NW	1969				50	NO	2
WV3831585	VALVE	6		1959				50	YES	1
WV3831594	VALVE	4	PINE BOUGH PL	1978				50	NO	3
WV3831595	VALVE	8	WADE HAMPTON DR SW	1900				50	YES	1
WV3831716	VALVE	8	WHITECEDAR CT	1972				50	NO	2
WV3831717	VALVE	6	WHITECEDAR CT	1972				50	NO	2



Water Appurtenance Inventory

4/27/2011

Asset ID	Asset Type	Size	Street Name	Construction Year	Rehabilitation Year	Rehabilitation Method	Historic Action	Service Life	Exceeded Service Life	Condition
WV3840668	VALVE	8	MANNELL RD SE	1977				50	NO	2
WV3840669	VALVE	8	PARK ST SE	1982				50	NO	3
WV3840702	VALVE	8	MANNELL RD SE	1982				50	NO	3
WV3840703	VALVE	8	PARK ST SE	1982				50	NO	3
WV3840704	VALVE	8	PARK ST SE	1982				50	NO	3
WV3840705	VALVE	8	PARK ST SE	1982				50	NO	3
WV3840706	VALVE	8	PARK ST SE	1982				50	NO	3
WV3840707	VALVE	8	PARK ST SE	1982				50	NO	3
WV3840708	VALVE	8	PARK ST SE	1982				50	NO	3
WV3840709	VALVE	8	PARK ST SE	1977				50	NO	2
WV3840710	VALVE	6	MARJORIE LA SE	1967				50	NO	2
WV3840711	VALVE	4	MARJORIE LA SE	1967				50	NO	2
WV3840712	VALVE	6	MOORE AV SE	1977				50	NO	2
WV3840713	VALVE	6		1974				50	NO	2
WV3840714	VALVE	8	WHISPERING WIND CT SE	1982				50	NO	3
WV3840715	VALVE	8	WHISPERING WIND CT SE	1982				50	NO	3
WV3840716	VALVE	8	WHISPERING WIND CT SE	1982				50	NO	3
WV3840717	VALVE	4	WHISPERING WIND CT SE	1977				50	NO	2
WV3840718	VALVE	8	MOORE AV SW	1977				50	NO	2
WV3840719	VALVE	8	PARK ST SE	1982				50	NO	3
WV3840720	VALVE	8	PARK ST SE	1954				50	YES	1
WV3840721	VALVE	8	PARK ST SE	1982				50	NO	3
WV3840722	VALVE	8	PARK ST SE	1982				50	NO	3
WV3840723	VALVE	8	TAPAWINGO RD SE	1955				50	YES	1
WV3840724	VALVE	8	TAPAWINGO RD SE	1955				50	YES	1
WV3840725	VALVE	8	TAPAWINGO RD SE	1982				50	NO	3
WV3840726	VALVE	8	TAPAWINGO RD SE	1955				50	YES	1
WV3840727	VALVE	6	ELMAR DR SE	1954				50	YES	1
WV3840728	VALVE	6	SIOUX CT SE	1966				50	NO	2
WV3840730	VALVE	6	MOORE AV SE	1977				50	NO	2
WV3840731	VALVE	6	MOORE AV SE	1935				50	YES	1
WV3840732	VALVE	6	MOORE AV SE	1977				50	NO	2
WV3840746	VALVE	6	ECHOIS ST SE	1956				50	YES	1
WV3840747	VALVE	6	BRANCH RD SE	1956				50	YES	1
WV3840748	VALVE	6	ECHOIS ST SE	1956				50	YES	1
WV3840762	VALVE	6	ELMAR DR SE	1954				50	YES	1
WV3840763	VALVE	6	CHARLES CI SW	1955				50	YES	1
WV3840764	VALVE	6	TAPAWINGO RD SE	1955				50	YES	1

Asset ID	Asset Type	Size	Street Name	Construction Year	Rehabilitation Year	Rehabilitation Method	Historic Action	Service Life	Exceeded Service Life	Condition
WV3840803	VALVE	6	PARK TERRACE CT SE	1963				50	NO	2
WV3840804	VALVE	6	PARK TERRACE CT SE	1967				50	NO	2
WV3840810	VALVE	8	CHURCH ST NW	1966				50	NO	2
WV3840811	VALVE	8	CHURCH ST NW	1966				50	NO	2
WV3840812	VALVE	8	CHURCH ST NW	1960				50	YES	1
WV3840817	VALVE	6	CENTER ST N	1966				50	NO	2
WV3840818	VALVE	12	CHURCH ST NW	1966				50	NO	2
WV3840824	VALVE	8	MILL ST NE	1960				50	YES	1
WV3840825	VALVE	8	MAPLE AV E	1960				50	YES	1
WV3840831	VALVE	8	PARK ST SE	1982				50	NO	3
WV3840832	VALVE	8	PARK ST SE	1982				50	NO	3
WV3841064	VALVE	6	LOCUST ST SE	1973				50	NO	2
WV3841065	VALVE	8	LOCUST ST SE	1982				50	NO	3
WV3841066	VALVE	8	LOCUST ST SE	1982				50	NO	3
WV3841067	VALVE	8	LOCUST ST SE	1982				50	NO	3
WV3841068	VALVE	6	MILL ST SE	1970				50	NO	2
WV3841069	VALVE	6	BATTLE ST SW	1966				50	NO	2
WV3841070	VALVE	6	BATTLE ST SW	1974				50	NO	2
WV3841071	VALVE	6	CENTER ST S	1963				50	NO	2
WV3841072	VALVE	6	CHERRY ST SE	1966				50	NO	2
WV3841073	VALVE	6	LOCUST ST SW	1973				50	NO	2
WV3841074	VALVE	6	LOCUST ST SW	1973				50	NO	2
WV3841075	VALVE	6	LOCUST ST SW	1973				50	NO	2
WV3841076	VALVE	6	COTTAGE ST SW	1963				50	NO	2
WV3841077	VALVE	6	COTTAGE ST SW	1963				50	NO	2
WV3841078	VALVE	6	COTTAGE ST SW	1962				50	NO	2
WV3841079	VALVE	6	CHERRY ST SW	1962				50	NO	2
WV3841080	VALVE	6	COTTAGE ST SW	1962				50	NO	2
WV3841081	VALVE	6	COTTAGE ST SW	1968				50	NO	2
WV3841082	VALVE	6	BATTLE ST SW	1974				50	NO	2
WV3841083	VALVE	6	BATTLE ST SW	1974				50	NO	2
WV3841084	VALVE	6	BATTLE ST SW	1962				50	NO	2
WV3841085	VALVE	6	BATTLE ST SW	1974				50	NO	2
WV3841086	VALVE	6	COTTAGE ST SW	1962				50	NO	2
WV3841087	VALVE	6	COTTAGE ST SW	1968				50	NO	2
WV3841088	VALVE	6	CENTER ST S	1968				50	NO	2
WV3841089	VALVE	6	CENTER ST S	1970				50	NO	2
WV3841090	VALVE	6	CHERRY ST SE	1968				50	NO	2

Asset ID	Asset Type	Size	Street Name	Construction Year	Rehabilitation Year	Rehabilitation Method	Historic Action	Service Life	Exceeded Service Life	Condition
WV3841131	VALVE	6	COURTHOUSE RD SW	1928				50	YES	1
WV3841132	VALVE	6	COURTHOUSE CI SW	1928				50	YES	1
WV3841133	VALVE	6	PLUM ST SW	1963				50	NO	2
WV3841134	VALVE	8	COTTAGE ST SW	1962				50	NO	2
WV3841135	VALVE	6	COTTAGE ST SW	1953				50	YES	1
WV3841136	VALVE	6	TAPAWINGO RD SW	1955				50	YES	1
WV3841137	VALVE	6	TAPAWINGO RD SW	1955				50	YES	1
WV3841138	VALVE	6	PLUM ST SW	1955				50	YES	1
WV3841139	VALVE	6	PLUM ST SW	1955				50	YES	1
WV3841140	VALVE	6	PLUM ST SW	1955				50	YES	1
WV3841141	VALVE	6	OAK ST SW	1970				50	NO	2
WV3841142	VALVE	6	COTTAGE ST SW	1970				50	NO	2
WV3841143	VALVE	6	OAK ST SW	1962				50	NO	2
WV3841144	VALVE	6	PLUM ST SW	1974				50	NO	2
WV3841145	VALVE	6	PLUM ST SW	1974				50	NO	2
WV3841146	VALVE	6	BIRCH ST SW	1954				50	YES	1
WV3841147	VALVE	6	PLUM ST SW	1955				50	YES	1
WV3841148	VALVE	6	PLUM ST SW	1955				50	YES	1
WV3841149	VALVE	6	PLUM ST SW	1955				50	YES	1
WV3841150	VALVE	8	HILLCREST DR SW	1955				50	YES	1
WV3841151	VALVE	4	HILLCREST DR SW	1955				50	YES	1
WV3841152	VALVE	8	HILLCREST DR SW	1954				50	YES	1
WV3841153	VALVE	8	HILLCREST DR SW	1954				50	YES	1
WV3841154	VALVE	6	PLUM ST SW	1962				50	NO	2
WV3841155	VALVE	6	PLUM ST SW	1955				50	YES	1
WV3841156	VALVE	8	PLUM ST SW	1955				50	YES	1
WV3841157	VALVE	4	COTTAGE ST SW	1955				50	YES	1
WV3841158	VALVE	8	COTTAGE ST SW	1962				50	NO	2
WV3841159	VALVE	8	COTTAGE ST SW	1962				50	NO	2
WV3841160	VALVE	6	COTTAGE ST SW	1955				50	YES	1
WV3841161	VALVE	6	TAPAWINGO RD SW	1955				50	YES	1
WV3841162	VALVE	8	TAPAWINGO RD SW	1955				50	YES	1
WV3841163	VALVE	8	TAPAWINGO RD SW	1955				50	YES	1
WV3841164	VALVE	8	HILLCREST DR SW	1980				50	NO	3
WV3841165	VALVE	8	HILLCREST DR SW	1955				50	YES	1
WV3841166	VALVE	8	HILLCREST DR SW	1980				50	NO	3
WV3841167	VALVE	8	FREDERICK ST SW	1980				50	NO	3
WV3841168	VALVE	8	FREDERICK ST SW	1955				50	YES	1

Asset ID	Asset Type	Size	Street Name	Year of Street Construction	Rehabilitation Year	Rehabilitation Method	Historic Action	Service Life	Exceeded Service Life	Condition
WV3841210	VALVE	6	WARE ST SW	1957				50	YES	1
WV3841702	VALVE	6	HICKORY CI SW	1955				50	YES	1
WV3841703	VALVE	6	CHERRY CI SW	1968				50	NO	2
WV3841745	VALVE	6	GLEN AV SW	1946				50	YES	1
WV3841746	VALVE	6	JOHNSON ST SW	1955				50	YES	1
WV3841747	VALVE	6	MOORE AV SW	1961				50	NO	1
WV3841748	VALVE	8	MOORE AV SW	1977				50	NO	2
WV3841749	VALVE	6	MOORE AV SE	1977				50	NO	2
WV3841750	VALVE	6	GLYNDON ST SE	1962				50	NO	2
WV3841751	VALVE	6	DALE CT SE	1977				50	NO	2
WV3841752	VALVE	6	BATTLE ST SE	1974				50	NO	2
WV3841753	VALVE	6		1928				50	YES	1
WV3910372	VALVE	8	WESTBRIAR DR NE	1982				50	NO	3
WV3910513	VALVE	8	SAINT ANDREWS DR NE	1982				50	NO	3
WV3910514	VALVE	8	SAINT ANDREWS DR NE	1937				50	YES	1
WV3910515	VALVE	6	SAINT ANDREWS DR NE	1937				50	YES	1
WV3910516	VALVE	6	SAINT ANDREWS DR NE	1960				50	YES	1
WV3910517	VALVE	8	MAPLE AV E	1937				50	YES	1
WV3910518	VALVE	12	MAPLE AV E	1937				50	YES	1
WV3910519	VALVE	6	MAPLE AV E	1937				50	YES	1
WV3910521	VALVE	12	CHAIN BRIDGE RD	1937				50	NO	2
WV3910522	VALVE	6	SARATOGA WAYE NE	1974				50	NO	2
WV3910523	VALVE	6		1971				50	NO	2
WV3910524	VALVE	6	SARATOGA WAYE NE	1974				50	NO	2
WV3910525	VALVE	8	CHAIN BRIDGE RD	1937				50	YES	1
WV3910526	VALVE	6	WESTBRIAR DR NE	1960				50	YES	1
WV3910527	VALVE	8	WESTBRIAR DR NE	1960				50	YES	1
WV3910530	VALVE	6	WOLFRAP RD SE	1974				50	NO	2
WV3910531	VALVE	6	ECHOOLS ST SE	1961				50	NO	1
WV3910532	VALVE	6	ECHOOLS ST SE	1961				50	NO	1
WV3910533	VALVE	6	WESTWOOD FOREST DR	1982				50	NO	3
WV3910534	VALVE	6	POPLAR GLEN CT	1982				50	NO	3
WV3910535	VALVE	4	POPLAR GLEN CT	1981				50	NO	3
WV3910536	VALVE	6	WESTWOOD FOREST LA	1982				50	NO	3
WV3910537	VALVE	4	WESTWOOD FOREST LA	1982				50	NO	2
WV3910538	VALVE	8	WOLFRAP RD SE	1974				50	NO	2
WV3910539	VALVE	4	WESTWOOD TE	1971				50	NO	2
WV3910540	VALVE	6	POLLY ST SE	1978				50	NO	3



Vienna

4/27/2011

Water Appurtenance Inventory

Asset ID	Asset Type	Size	Street Name	Year of Construction	Rehabilitation Year	Rehabilitation Method	Historic Action	Service Life	Exceeded Service Life	Condition
WV3930580	VALVE	8		1973				50	NO	2
WV3930581	VALVE	8	ADAHI RD SE	2003				50	NO	4
WV3930582	VALVE	8	ADAHI RD SE	2003				50	NO	4
WV3930583	VALVE	8	APONI RD SE	2003				50	NO	4
WV3930584	VALVE	8	APONI RD SE	2003				50	NO	4
WV3930585	VALVE	6	APONI RD SE	1968				50	NO	2
WV3930586	VALVE	6	APONI CT SE	1968				50	NO	2
WV3930587	VALVE	6	APONI CT SE	1968				50	NO	2
WV3930588	VALVE	6	APONI RD SE	1969				50	NO	2
WV3930589	VALVE	6	APONI RD SE	1969				50	NO	2
WV3930590	VALVE	6	ONONDIO CL SE	1969				50	NO	2
WV3930591	VALVE	6	APONI RD SE	1968				50	NO	2
WV3930592	VALVE	6	AYITO RD SE	1968				50	NO	2
WV3930593	VALVE	6	AYITO RD SE	1968				50	NO	2
WV3930594	VALVE	8	ADAHI RD SE	2003				50	NO	4
WV3930595	VALVE	6	GLYNDON ST SE	2003				50	NO	4
WV3930596	VALVE	6	GLYNDON ST SE	1969				50	NO	2
WV3930597	VALVE	6	GLYNDON ST SE	1969				50	NO	2
WV3930598	VALVE	6	GLYNDON ST SE	1935				50	YES	1
WV3930600	VALVE	4	FARLEY CT SE	1969				50	NO	2
WV3930601	VALVE	4	FARLEY CT SE	1968				50	NO	2
WV3930602	VALVE	4	OWAISSA RD SE	1970				50	NO	2
WV3930603	VALVE	6	OWAISSA RD SE	1969				50	NO	2
WV3930604	VALVE	4	OWAISSA RD SE	1969				50	NO	2
WV3930605	VALVE	4	CAROLE CT SE	1970				50	NO	2
WV3930606	VALVE	4	LAUREN LA SE	1966				50	NO	2
WV3930607	VALVE	4	SHADY DR SE	1966				50	NO	2
WV3930608	VALVE	4	SHADY DR SE	1966				50	NO	2
WV3930609	VALVE	4	TAPAWINGO RD SE	1976				50	NO	2
WV3930610	VALVE	4	COOPER CT SE	1976				50	NO	2
WV3930611	VALVE	6	TAPAWINGO RD SE	1973				50	NO	2
WV3930612	VALVE	4	TAPAWINGO RD SE	1973				50	NO	2
WV3930613	VALVE	6	TAPAWINGO RD SE	1955				50	YES	1
WV3930614	VALVE	4	NINOVAN RD SE	1973				50	NO	2
WV3930615	VALVE	8	TAPAWINGO RD SE	1955				50	YES	1
WV3930616	VALVE	4	SHAHRAAM CT SE	1978				50	NO	3
WV3930617	VALVE	4	AYITO RD	1974				50	NO	2
WV3930618	VALVE	4	KERGE CT SE	1974				50	NO	2



Water Appurtenance Inventory

4/27/2011

Asset ID	Asset Type	Size	Street Name	Year of Street Construction	Rehabilitation Year	Rehabilitation Method	Historic Action	Service Life	Exceeded Service Life	Condition
WV4811221	VALVE	12	MOOREFIELD HILL GV SW	1977				50	NO	2
WV4811222	VALVE	8	MOOREFIELD HILL GV SW	1976				50	NO	2
WV4811223	VALVE	8	MOOREFIELD HILL GV SW	1976				50	NO	2
WV4811224	VALVE	4	MOOREFIELD HILL PL SW	1976				50	NO	2
WV4811226	VALVE	4	MOOREFIELD HILL PL SW	1976				50	NO	2
WV4811227	VALVE	12	MOORE PL SW	1977				50	NO	2
WV4811228	VALVE	8	MOOREFIELD HILL PL SW	1976				50	NO	2
WV4811229	VALVE	8	MOOREFIELD HILL CT SW	1976				50	NO	2
WV4811230	VALVE	12		1976				50	NO	2
WV4811421	VALVE	8	BABCOCK RD	1967				50	NO	2
WV4811424	VALVE	8	CHAIN BRIDGE RD	1937				50	YES	1
WV4811519	VALVE	8	COURTHOUSE RD	1928				50	YES	1
WV4811586	VALVE	6	WHITECEDAR CT	1972				50	NO	2
WV4811587	VALVE	8	HUNTER CT SW	1960				50	YES	1
WV4811588	VALVE	6	MOOREFIELD RD SW	1960				50	YES	1
WV4811590	VALVE	8	MOOREFIELD RD SW	1960				50	YES	1
WV4811591	VALVE	8		1928				50	YES	1
WV4811592	VALVE	8		1977				50	NO	2
WV4811593	VALVE	8		1977				50	NO	2
WV4811754	VALVE	6	CHAIN BRIDGE RD	1937				50	YES	1
WV481177	VALVE	6	TAPAWINGO RD SW	1955				50	YES	1
WV4821178	VALVE	8	TAPAWINGO RD SW	1967				50	NO	2
WV4821179	VALVE	6	TAPAWINGO RD SW	1967				50	NO	2
WV4821225	VALVE	8	MOOREFIELD HILL PL SW	1976				50	NO	2
WV4821231	VALVE	8	MOOREFIELD HILL CT SW	1976				50	NO	2
WV4821232	VALVE	8	MOOREFIELD HILL CT SW	1976				50	NO	2
WV4821233	VALVE	4		1955				50	YES	1
WV4821234	VALVE	4		1955				50	YES	1
WV4821235	VALVE	8	TAPAWINGO RD SW	1955				50	YES	1
WV4821236	VALVE	8	TAPAWINGO RD SW	1955				50	YES	1
WV4821237	VALVE	8	TAPAWINGO RD SW	1955				50	YES	1
WV4821238	VALVE	8	TAPAWINGO RD SW	1959				50	YES	1
WV4821239	VALVE	8	TAPAWINGO RD SW	1959				50	YES	1
WV4821240	VALVE	8	TAPAWINGO RD SW	1955				50	YES	1
WV4821241	VALVE	8	KINGSLEY RD SW	1952				50	YES	1
WV4821242	VALVE	8	MARSHALL RD SW	1959				50	YES	1
WV4821243	VALVE	6	MARSHALL RD SW	1959				50	YES	1
WV4821244	VALVE	6	DELILAH DR SW	1975				50	NO	2

Asset ID	Asset Type	Size	Street Name	Year of Construction	Rehabilitation Year	Rehabilitation Method	Historic Action	Service Life	Exceeded Service Life	Condition
WV4821603	VALVE	6	MEADOW LA SW	1958				50	YES	1
WV4821604	VALVE	6	WARE ST SW	1967				50	NO	2
WV4821605	VALVE	6	WARE ST SW	1952				50	YES	1
WV4821606	VALVE	6	WARE ST SW	1952				50	YES	1
WV4821607	VALVE	6	ROSS DR SW	1961				50	NO	1
WV4821608	VALVE	6	ROSS DR SW	1961				50	NO	1
WV4821609	VALVE	6	ROSS DR SW	1960				50	YES	1
WV4821610	VALVE	6	ROSS DR SW	1960				50	YES	1
WV4821611	VALVE	8	COTTAGE ST SW	1962				50	NO	2
WV4821612	VALVE	6	COTTAGE ST SW	1962				50	NO	2
WV4821613	VALVE	8	YEONAS DR SW	1962				50	NO	2
WV4821614	VALVE	6	YEONAS DR SW	1959				50	YES	1
WV4821615	VALVE	8	YEONAS DR SW	1959				50	YES	1
WV4821616	VALVE	6	HILLCREST DR SW	1955				50	YES	1
WV4821617	VALVE	6	WALKER ST SW	1959				50	YES	1
WV4821618	VALVE	6	HILLCREST DR SW	1955				50	YES	1
WV4821619	VALVE	4	DOVE CI SW	1959				50	YES	1
WV4821620	VALVE	6	LAKEWOOD DR SW	1959				50	YES	1
WV4821621	VALVE	6	LAKEWOOD DR SW	1959				50	YES	1
WV4821622	VALVE	6	LAKEWOOD DR SW	1959				50	YES	1
WV4821623	VALVE	6	LAKEWOOD DR SW	1959				50	YES	1
WV4821624	VALVE	6	HILLCREST DR SW	1959				50	YES	1
WV4821625	VALVE	6	HILLCREST DR SW	1955				50	YES	1
WV4821626	VALVE	6	YEONAS DR SW	1959				50	YES	1
WV4821627	VALVE	6	YEONAS DR SW	1959				50	YES	1
WV4821628	VALVE	6	LAKEWOOD DR SW	1959				50	YES	1
WV4821629	VALVE	6	LAKEWOOD DR SW	1959				50	YES	1
WV4821630	VALVE	6	ORLEANS CI SW	1959				50	YES	1
WV4821631	VALVE	6	ORLEANS CI SW	1955				50	YES	1
WV4821632	VALVE	6	KINGSLEY RD SW	1962				50	NO	2
WV4821633	VALVE	8	KINGSLEY RD SW	1952				50	YES	1
WV4821634	VALVE	8	KINGSLEY RD SW	1952				50	YES	1
WV4821635	VALVE	6	KINGSLEY RD SW	1952				50	YES	1
WV4821636	VALVE	6	KINGSLEY RD SW	1952				50	YES	1
WV4821637	VALVE	6	KINGSLEY RD SW	1952				50	YES	1
WV4821638	VALVE	6	MARSHALL RD SW	1959				50	YES	1
WV4821639	VALVE	6	MARSHALL RD SW	1955				50	YES	1
WV4821640	VALVE	6	KINGSLEY RD SW	1955				50	YES	1



Water Appurtenance Inventory

4/27/2011

Asset ID	Asset Type	Size	Street Name	Year of Construction	Rehabilitation Year	Rehabilitation Method	Historic Action	Service Life	Exceeded Service Life	Condition
WV4821755	VALVE	6	KINGS WAY CT SW	1999				50	NO	4
WV4821756	VALVE	4	WARE ST SW	1966				50	NO	2
WV4821757	VALVE	4	COTTAGE ST SW	1959				50	YES	1
WV4910628	VALVE	6	PARK ST	1982				50	NO	3
WV4911264	VALVE	6	MARYMOUNT LA	1962				50	NO	2
WV4911265	VALVE	8	MARYMOUNT LA	1962				50	NO	2
WV4911266	VALVE	6	BUCKNELL DR	1963				50	NO	2
WV4911267	VALVE	6	BUCKNELL DR	1963				50	NO	2
WV4911268	VALVE	6	BUCKNELL DR	1962				50	NO	2
WV4911269	VALVE	8	BUCKNELL DR	1962				50	NO	2
WV4911270	VALVE	6	MARYMOUNT LA	1962				50	NO	2
WV4911271	VALVE	6	MARYMOUNT LA	1962				50	NO	2
WV4911272	VALVE	4	VILLANOVA DR	1962				50	NO	2
WV4911273	VALVE	6	VILLANOVA DR	1962				50	NO	2
WV4911274	VALVE	6	VILLANOVA DR	1963				50	NO	2
WV4911275	VALVE	6	DREXEL ST	1963				50	NO	2
WV4911276	VALVE	6	DREXEL ST	1962				50	NO	2
WV4911277	VALVE	6	VILLANOVA DR	1962				50	NO	2
WV4911278	VALVE	6	VILLANOVA DR	1962				50	NO	2
WV4911279	VALVE	4	VILLANOVA DR	1962				50	NO	2
WV4911280	VALVE	6	VILLANOVA DR	1962				50	NO	2
WV4911281	VALVE	6	COTTAGE ST	1962				50	NO	2
WV4911282	VALVE	8	COTTAGE ST	1962				50	NO	2
WV4911283	VALVE	8	COTTAGE ST	1962				50	NO	2
WV4911284	VALVE	6	COTTAGE ST	1962				50	NO	2
WV4911285	VALVE	8	COTTAGE ST	1962				50	NO	2
WV4911286	VALVE	6	CARNEGIE DR	1962				50	NO	2
WV4911287	VALVE	6	CARNEGIE DR	1962				50	NO	2
WV4911288	VALVE	6	CARNEGIE DR	1962				50	NO	2
WV4911289	VALVE	6	CARNEGIE DR	1962				50	NO	2
WV4911290	VALVE	4	CARNEGIE DR	1962				50	NO	2
WV4911291	VALVE	4	CARNEGIE DR	1962				50	NO	2
WV4911292	VALVE	6	CARNEGIE DR	1962				50	NO	2
WV4911293	VALVE	6	BEREA DR	1962				50	NO	2
WV4911294	VALVE	4	BEREA DR	1962				50	NO	2
WV4911295	VALVE	6	WESLEYAN ST	1962				50	NO	2
WV4911296	VALVE	6	WESLEYAN ST	1962				50	NO	2
WV4911297	VALVE	6	WESLEYAN ST	1962				50	NO	2

Asset ID	Asset Type	Size	Street Name	Year of Construction	Rehabilitation Year	Rehabilitation Method	Historic Action	Service Life	Exceeded Service Life	Condition
WV4911336	VALVE	6	PATRICK ST SW	1962				50	NO	2
WV4911337	VALVE	8	PATRICK ST SW	1962				50	NO	2
WV4911338	VALVE	6	CEDAR LA	1966				50	NO	2
WV4911339	VALVE	8	CEDAR LA	1966				50	NO	2
WV4911340	VALVE	8	COTTAGE ST SW	1962				50	NO	2
WV4911341	VALVE	6	CEDAR LA	1961				50	NO	1
WV4911342	VALVE	6	CEDAR LA	1966				50	NO	2
WV4911343	VALVE	6	DESALE ST SW	1961				50	NO	1
WV4911344	VALVE	4	DESALE ST SW	1960				50	YES	1
WV4911345	VALVE	6	PATRICK ST SW	1987				50	NO	3
WV4911346	VALVE	6	PATRICK ST SW	1961				50	NO	1
WV4911347	VALVE	6	PATRICK ST SW	1961				50	NO	1
WV4911352	VALVE	6	DESALE ST SW	1985				50	NO	3
WV4911353	VALVE	6	DESALE ST SW	1985				50	NO	3
WV4911354	VALVE	6	DESALE ST SW	1961				50	NO	1
WV4911355	VALVE	6	CASMAR ST SE	2003				50	NO	4
WV4911356	VALVE	6	CASMAR ST SE	2003				50	NO	4
WV4911357	VALVE	6	CASMAR ST SE	1961				50	NO	1
WV4911358	VALVE	4	YEONAS DR SE	1959				50	YES	1
WV4911359	VALVE	6	YEONAS DR SE	1985				50	NO	3
WV4911363	VALVE	6	CASMAR ST SE	1983				50	NO	3
WV4911364	VALVE	6	CASMAR ST SE	2003				50	NO	4
WV4911365	VALVE	2	CASMAR ST SE	1960				50	YES	1
WV4911366	VALVE	6	PATRICK ST SE	1987				50	NO	3
WV4911367	VALVE	4	PATRICK ST SE	1987				50	NO	3
WV4911368	VALVE	6	PARK ST	1987				50	NO	3
WV4911369	VALVE	6	CEDAR LA	1966				50	NO	3
WV4911370	VALVE	6	CEDAR LA	1966				50	NO	2
WV4911371	VALVE	3	PARK ST	1982				50	NO	3
WV4911372	VALVE	8	PARK ST	1982				50	NO	3
WV4911373	VALVE	8	PARK ST	1982				50	NO	3
WV4911374	VALVE	8	PARK ST	1987				50	NO	3
WV4911375	VALVE	6	PARK ST	1982				50	NO	3
WV4911376	VALVE	6	CEDAR LA	1966				50	NO	2
WV4911377	VALVE	8	CEDAR LA	1966				50	NO	2
WV4911758	VALVE	6	CEDAR LA	1982				50	NO	3
WV4911759	VALVE	8	CEDAR LA	1982				50	NO	3
WV4911760	VALVE	8	CEDAR LA	1982				50	NO	3



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4/27/2011

Fire Hydrant Inventory

Asset ID (org)	Road Name	Installed Date	Static Pressure (psi)	Flow Pressure (psi)	Maintenance Needed	Rehabilitation Year	Rehabilitation Method	Historic Action	Service Life	Service Condition
WF2820001	TRAP RD	1968	52	8					50	NO 2
WF2820002	BOIS AV	1969	70	7	Needs oil				50	NO 2
WF2820003	BOIS AV	1978	74	16	Would not shut off				50	NO 3
WF2820004	MONTMORENCY DR	1978	68	12					50	NO 3
WF2820005	ERMANTRUDE CT	1978	66	7					50	NO 3
WF2820006	MONTMORENCY DR	1981	58	6					50	NO 3
WF2830001	TRAP RD	1969	57	7					50	NO 2
WF2830002	LAKESIDE DR	1989	66	20					50	NO 3
WF2830004	CHESTNUT FARM DR	1986	60	10					50	NO 3
WF2830005	LIBERTY TREE LA	1976	65	22					50	NO 2
WF2830006	LIBERTY TREE LA	1976	65	22					50	NO 2
WF2830007	SAINT BONIFACE ST	1980							50	NO 3
WF2830008	SCARAB ST	1972	52	12					50	NO 2
WF2830009	SAINT BONIFACE ST	1972							50	NO 2
WF2830010		1969	43	23					50	NO 2
WF2830012	DELANCEY DR	1969	70	24	Not draining				50	NO 2
WF2830013	LABRADOR LA	1972							50	NO 2
WF2830014	MACY AV	1972	60	26					50	NO 2
WF2830015	PERCUSSION WY	1971	54	29					50	NO 2
WF2830016	PERCUSSION WY	1968							50	NO 2
WF2830017	TRUMPET CT	1969	58	18					50	NO 2
WF2830018	PERCUSSION WY	1977							50	NO 2
WF2830019	PERCUSSION WY	1969	83	27					50	NO 2
WF2830020	CLARKS GLEN PL	1985	76	25					50	NO 3
WF2830021	AUBREY PLACE CT	1984	82	16					50	NO 3
WF2830022	CYMBAL DR	1986							50	NO 3
WF2830023	WOODWIND WY	1971	90	28	Hard to turn				50	NO 2
WF2830024	PRELUDER DR	1970							50	NO 2
WF2830025	WOODWIND WY	1971							50	NO 2
WF2830026	BATON DR	1969	76	29					50	NO 2
WF2830027	PODIUM DR	1970							50	NO 2
WF2830028	BATON DR	1970	58	22	Hard to turn/Needs oil				50	NO 2
WF2830029		1994							50	NO 3
WF2830030	MACY AV								50	NO 3
WF2830031	TIMBERVIEW CT	1991	62	44					50	NO 3
WF2830032	SAVANNAH CROSSING CT	1996	55	19					50	NO 4
WF2830UNK	BEULAH RD	1991							50	NO 3
WF2840001	MONTMORENCY DR	1979	66	8					50	NO 3
WF2840002	MONTMORENCY DR	1979	62	10					50	NO 3
WF2840003	HAMBLETONIAN PL	1969	66	12					50	NO 2
WF2840004	ARABIAN AV	1969	66	42					50	NO 2
WF2840005	HICKS DR	1969	65	12					50	NO 2
WF2840006	OLD COURTHOUSE RD	1969	50	8					50	NO 2



Fire Hydrant Inventory

4/27/2011

Asset ID (org)	Road Name	Installed Date	Static Pressure (psi)	Flow Pressure (psi)	Maintenance Needed	Rehabilitation Year	Rehabilitation Method	Historic Action	Service Life	Exceeded Service Life	Condition
WF2840049	MIDLOTHIAN CT	1968	68	10					50	NO	2
WF2840050	SAINT ROMAN DR	1967	55	16					50	NO	2
WF2840051	SAINT ROMAN DR	1968	54	12					50	NO	2
WF2840052	CLACHAN CT	1968	60	12	Not draining				50	NO	2
WF2840053	TALISMAN DR	1968	64	22					50	NO	2
WF2840054	TALISMAN DR	1968	49	15					50	NO	2
WF2840055	TALISMAN DR	1970							50	NO	2
WF2840056	DELANCEY DR	1969							50	NO	2
WF2840057	WINDSOR HUNT CT	1985	51	15					50	NO	3
WF2840058	BEULAH RD	1968	44	36	Not draining				50	NO	2
WF2840059	BEULAH RD	1968	42	10					50	NO	2
WF2840060	BEULAH RD	1991	52	44					50	NO	3
WF2840061	OLD COURTHOUSE RD	1991	60	15					50	NO	3
WF2840062	FOXSTONE DR	1991	42	16					50	NO	4
WF2840065	DREWLAIN DR	1996	42	16					50	NO	3
WF2840066	LUPINE DEN DR	1991	45	16					50	NO	3
WF2840067	LUPINE DEN CT	1991	70	22					50	NO	3
WF2840068	LUPINE DEN CT	1991	60	15					50	NO	3
WF2840069	TETTERTON AV	2000	58	16					50	NO	4
WF2840070	DREWLAIN DR	1996	50	8					50	NO	4
WF2840071	BEST BOWER CT	2000	64	14					50	NO	4
WF2840072	ASHGROVE MEADOWS WY	1991	42	34					50	NO	3
WF2840075	DREWLAIN DR	1991							50	NO	3
WF2840076	RIDGEFLA	1991							50	NO	3
WF2840UNK	PEBBLE BEACH DR	1965	74	10					50	NO	3
WF2930001	HIGDON DR	1965	62	5					50	NO	2
WF2930002	PINE VALLEY DR	1964	90	8	Not draining				50	NO	2
WF2930003	CORAL GABLES LA	1976	76	4					50	NO	2
WF2930004	KEY WEST LA	1976	56	4					50	NO	2
WF2930005	THUNDERBIRD CT	1995	84	14					50	NO	4
WF2930007	WESTWOOD DR	1965	52	34	Not draining				50	NO	2
WF2930008	PINE NEEDLES CT	1965	52	18					50	NO	2
WF2930009	BURNING TREE DR	1965	60	8					50	NO	2
WF2930010	PINE VALLEY DR	1965	64	16					50	NO	2
WF2930011	COURSE ST NE	1959	50	12					50	YES	1
WF2930012	FAIRWAY DR NE	1959	72	14					50	YES	1
WF2930013	OLD COURTHOUSE RD	1959	58	16					50	YES	1
WF2930014	WESTBRIAR CT NE	1955	64	32	Not draining				50	YES	1
WF2930015	CORAL GABLES LA	1976							50	NO	2
WF2930016									50	NO	



Fire Hydrant Inventory

4/27/2011

Asset ID (org)	Road Name	Installed Date	Static Pressure (psi)	Flow Pressure (psi)	Maintenance Needed	Rehabilitation Year	Rehabilitation Method	Historic Action	Service Life	Exceeded Service Life	Condition
WF3810036	FREDA DR	1972	74	21					50	NO	2
WF3810037	VERDICT DR	1970	70	27					50	NO	2
WF3810038	VERDICT DR	1968	65	28					50	NO	2
WF3810039	ABBOTSFORD DR	1968							50	NO	2
WF3810040	ABBOTSFORD DR	1978							50	NO	3
WF3810041	COUNSELLOR DR	1968							50	NO	2
WF3810042	ABBOTSFORD DR	1968							50	NO	2
WF3810043	COUNSELLOR DR NW	1979							50	NO	3
WF3810044	COUNSELLOR DR NW	1969							50	NO	2
WF3810045	STATUTE LA	1969							50	NO	2
WF3810046	JUDGE CT	1968							50	NO	2
WF3810047	CENTER ST	1968							50	NO	2
WF3810048	SHERIFF CT	1969							50	NO	2
WF3810049	CENTER ST N	1974							50	NO	2
WF3810050	CENTER ST N	1974							50	NO	2
WF3810051	CENTER ST N	1953							50	YES	1
WF3810052	JOHN MARSHALL DR NW	1954							50	YES	1
WF3810053	UPHAM PL NW	1954							50	YES	1
WF3810054	UPHAM PL NW	1974							50	NO	2
WF3810055	HERITAGE LA NW	1965							50	NO	2
WF3810056	UPHAM PL NW	1965							50	NO	2
WF3810057	BRENTWOOD CT NW	1990							50	NO	3
WF3810058	UPHAM PL NW	1964							50	NO	2
WF3810059	LAWYERS RD NW	1954							50	YES	1
WF3810060	BLACKSTONE TE NW	1954							50	YES	1
WF3810061	BLACKSTONE TE NW	1954							50	YES	1
WF3810062	LAWYERS RD NW	1954							50	YES	1
WF3810063	HOLMES CT NW	1965							50	NO	2
WF3810064	COLIN LA NW	1961							50	NO	1
WF3810065	UPHAM PL NW	1957							50	YES	1
WF3810066		1966							50	NO	2
WF3810067	VICTORIA CT NW	1966							50	NO	2
WF3810068	WOODLAND CT NW	1968							50	NO	2
WF3810069	LINCOLN ST NW	1955							50	YES	1
WF3810070	LAWYERS RD NW	1964							50	NO	2
WF3810071	BLAIR RD NW	1964							50	NO	2
WF3810072	BLAIR RD NW	1964							50	NO	2
WF3810073	BLAIR RD NW	1964							50	NO	2
WF3810074	ABBOTSFORD DR	1972							50	NO	2
WF3810075	ABBOTSFORD DR	1972							50	NO	2
WF3810076	ABBOTSFORD DR	1972							50	NO	2
WF3810077	CONCERT CT	1972							50	NO	2
WF3810078	CONCERT CT	1979							50	NO	3



Fire Hydrant Inventory

4/27/2011

Asset ID (org)	Road Name	Installed Date	Static Pressure (psi)	Flow Pressure (psi)	Maintenance Needed	Rehabilitation Year	Rehabilitation Method	Historic Action	Service Life	Exceeded Service Life	Condition
WF3820034	LYNNHILL CT NE FOXSTONE DR EAST ST NE	1965 1969 1979	47 52 58	14 16 26					50	NO	2
WF3820035									50	NO	2
WF3820036									50	NO	3
WF3820037									50	NO	2
WF3820038	EAST ST NE WESTVIEW CT NE COUNCIL DR NE CHURCH ST NE COUNCIL CT NE	1972 1969 1981 1980 1980	62 54 52 62 64	50 16 14 30 20					50	NO	2
WF3820039									50	NO	2
WF3820040									50	NO	3
WF3820041									50	NO	3
WF3820042									50	NO	3
WF3820043	EAST ST NE CHURCH ST NE	1968 1976	62 60	15 40					50	NO	2
WF3820044									50	NO	2
WF3820045									50	NO	2
WF3820046	BEULAH RD NE CHURCH ST NE GLYNDON ST NE AYR HILL AV NE	1985 1949 1990 1988	62 54 62 44	40 16 40 12					50	NO	3
WF3820047									50	NO	3
WF3820048									50	YES	1
WF3820049									50	NO	3
WF3820050									50	NO	3
WF3820051									50	YES	1
WF3820052									50	NO	3
WF3820053									50	NO	3
WF3820054									50	YES	1
WF3820055	PARK ST NE	1974							50	NO	2
WF3820056	PARK ST NE	1957							50	YES	1
WF3820057	PARK ST NE	1966							50	NO	2
WF3820058	PARK ST NE	1966							50	NO	2
WF3820059	AYR HILL AV NE PARK ST NE MILL ST NE	1959 1987 1984	44 17 18	7					50	YES	1
WF3820060									50	NO	3
WF3820061									50	NO	3
WF3820062									50	NO	2
WF3820063									50	NO	3
WF3820064									50	NO	3
WF3820065									50	NO	3
WF3820066									50	NO	3
WF3820067									50	NO	2
WF3820068									50	NO	2
WF3820069									50	NO	3
WF3820070									50	NO	3
WF3820071									50	NO	2
WF3820072									50	NO	2
WF3820073									50	YES	1

Oil leaking around
operating nut/Not drainingNot draining/clicking
sounds when turning off

Asset ID (org)	Road Name	Installed Date	Static Pressure (psi)	Flow Pressure (psi)	Maintenance Needed	Rehabilitation Year	Rehabilitation Method	Historic Action	Service Life	Exceeded Service Life	Condition
WF3820117	MASHIE DR SE	1956	47	19					50	YES	1
WF3820118		1991	48	34					50	NO	3
WF3820119		1991	54	38					50	NO	3
WF3820120	BRANCH RD SE	1991							50	NO	3
WF3820121	DOMINION RD NE	1991							50	NO	3
WF3820122	MAPLE AVE	1991	62	48					50	NO	3
WF3820123	GLYNDON ST NE	1995							50	NO	4
WF3820124	KENYON LA NE	1991	62	22					50	NO	3
WF3820125	MILL ST NE	1991							50	NO	3
WF3830001	CORSICA ST	1965	44	9	Paint				50	NO	2
WF3830002	MADRIGAL WY	1968	52	14	Paint				50	NO	2
WF3830003	TANGLEVALE DR	1969	57	17	Fix chain				50	NO	2
WF3830004	RIVIERA DR	1969	57	19	Paint				50	NO	2
WF3830005	MONTCLAIR CT	1965	53	20	Paint/fix chain				50	NO	2
WF3830006	RIVIERA DR	1965	55	24	Paint				50	NO	2
WF3830007	RIVIERA DR	1965	58	32	Paint/fix chain				50	NO	2
WF3830008	RHAPSODY DR	1972	61	32	Paint				50	NO	2
WF3830009		1972	61	52	Paint				50	NO	2
WF3830010	JERRY LA NW	1959							50	YES	1
WF3830011	CAREY LA	1965							50	NO	2
WF3830012	CAREY LA	1976							50	NO	2
WF3830013	MALCOLM RD NW	1959							50	YES	1
WF3830014	HIGHLAND ST NW	1955	60	12					50	YES	1
WF3830015	HIGHLAND ST NW	1955	45	8					50	YES	1
WF3830016	LINCOLN ST NW	1975	36	7					50	NO	2
WF3830017	WOODLAND CT NW	1973	20						50	NO	2
WF3830018	MALCOLM RD NW	1949	40	12					50	YES	1
WF3830019	WEST CT NW	1988	50	8					50	NO	3
WF3830020	WEST ST NW	1949	54	8					50	YES	1
WF3830021	WEST ST NW	1954	17						50	YES	1
WF3830022	WINDOWOVER AV NW	1949	15						50	YES	1
WF3830023	WINDOWOVER CT NW	1958	36	12					50	YES	1
WF3830024	LEWIS ST NW	1949	50	8					50	YES	1
WF3830025	ORCHARD ST NW	1976	42	12					50	NO	2
WF3830026	ORCHARD CT NW	1988	44	8					50	NO	3
WF3830027	NUTLEY ST NW	1975	40	9					50	NO	2
WF3830028	MALCOLM RD NW	1958	50	14					50	YES	1
WF3830029	VALEVIEW CT NW	1968							50	NO	2
WF3830030	OAK VALE CT NW	1988							50	NO	3
WF3830031	CAREY LA	1967							50	NO	2
WF3830032	FLINT HILL RD	1968	48	12					50	NO	2
WF3830033	FLINT HILL RD	1959							50	YES	1



Fire Hydrant Inventory

4/27/2011

Asset ID (org)	Road Name	Installed Date	Static Pressure [psi]	Flow Pressure [psi]	Maintenance Needed	Rehabilitation Year	Rehabilitation Method	Historic Action	Service Life	Exceeded Service Life	Condition
WF3830077	NUTLEY ST NW	1987	62	31	Paint			50	NO	3	
WF3830078	NUTLEY ST NW	1976	46	13	Paint			50	NO	2	
WF3830079	NUTLEY ST NW	1968	46	11				50	NO	2	
WF3830080	NUTLEY ST NW	1949	51	12				50	YES	1	
WF3830081	NUTLEY ST NW	1973	50	13				50	NO	2	
WF3830082	MAPLE AV W	1949	54	40				50	YES	1	
WF3830083	MAPLE AV W	1990						50	NO	3	
WF3830084	MAPLE AV W	1973	50	38				50	NO	2	
WF3830085	LEWIS ST NW	1988	52	22				50	NO	3	
WF3830086	WADE HAMPTON DR SW	1971	52	30				50	NO	2	
WF3830087		1978	35					50	NO	3	
WF3830088	MILLWOOD CT SW	1986	15					50	NO	3	
WF3830089	ROLAND ST SW	1991	12					50	NO	3	
WF3830090	CERET CT SW	1976						50	NO	2	
WF3830091	MENDON LA SW	1986	23					50	NO	3	
WF3830092	ROLAND ST SW	1963						50	NO	2	
WF3830093	NUTLEY ST SW	1957						50	YES	1	
WF3830094	PRINCESS CT SW	1953						50	YES	1	
WF3830095	COURTHOUSE RD	1970						50	NO	2	
WF3830096	WILD OLIVE CT	1974						50	NO	2	
WF3830097	PLUM TREE CT	1973						50	NO	2	
WF3830098	SCOTCH PINE CT	1978						50	NO	3	
WF3830099	COURTHOUSE RD	1978						50	NO	3	
WF3830100	WHITECEDAR CT	1971						50	NO	2	
WF3830101	FLINT HILL RD	1991	44	10				50	NO	3	
WF3830102	CHILCOTT MANOR WY	1991	39	10				50	NO	3	
WF3830103	CARTER CT SW	1994						50	NO	3	
WF3830104	ROLAND CT SW	1994						50	NO	3	
WF3830105		1991						50	NO	3	
WF3830106	CARTERS GLEN CT SW	1991						50	NO	3	
WF3830107	MOOREFIELD RD SW	1996						50	NO	4	
WF3840001	LAWYERS RD NW	1980	52	25				50	NO	3	
WF3840002	WALNUT LA NW	1949	48	25				50	YES	1	
WF3840003	LAWYERS RD NW	1949	50	25				50	YES	1	
WF3840004	SHORT ST NW	1963	36	6				50	NO	2	
WF3840005	CHURCH ST NW	1985						50	NO	3	
WF3840006	CHURCH ST NW	1985	52	12				50	NO	3	
WF3840007	CHURCH ST NW	1949	62	45				50	YES	1	
WF3840008	CHURCH ST NW	1949	64	48				50	YES	1	
WF3840009		1982						50	NO	3	
WF3840010	MAPLE AV W	1967	50	35				50	NO	2	
WF3840011	MAPLE AV W	1949	52	40				50	YES	1	
WF3840012	MAPLE AV W	1958	60	48				50	YES	1	



Fire Hydrant Inventory

4/27/2011

Asset ID (org)	Road Name	Installed Date	Static Pressure (psi)	Flow Pressure (psi)	Maintenance Needed	Rehabilitation Year	Rehabilitation Method	Historic Action	Service Life	Exceeded Service Life	Condition
WF3840056	VALLEY DR SE	1956							50	YES	1
WF3840057	VALLEY DR SE	1956							50	YES	1
WF3840058	VALLEY DR SE	1956							50	YES	1
WF3840059	BRANCH RD SE	1956	58	20					50	YES	1
WF3840060	PARK ST SE	1949	58	41	Paint				50	YES	1
WF3840061	WHISPERING WIND CT SE	1976							50	NO	2
WF3840062	WHISPERING WIND CT SE	1988	49	38					50	NO	3
WF3840063	BATTLE ST SE	1955	56	40					50	YES	1
WF3840064	BATTLE ST SW	1953	58	20					50	YES	1
WF3840065	BATTLE ST SW	1953	60	30	Needs oil				50	YES	1
WF3840066	BATTLE ST SW	1952		16					50	YES	1
WF3840067	PLUM ST SW	1959		13					50	YES	1
WF3840068	NANTERRY CI SW	1989							50	NO	3
WF3840069	MEADOW LA SW	1957							50	YES	1
WF3840070	WARE ST SW	1957							50	YES	1
WF3840071	STEPHEN CI SW	1957							50	YES	1
WF3840072	STEPHEN CI SW	1957							50	YES	1
WF3840073	GIBSON DR SW	1957							50	YES	1
WF3840074	GIBSON DR SW	1957							50	YES	1
WF3840075	GIBSON DR SW	1957							50	YES	1
WF3840076	GIBSON DR SW	1957							50	YES	1
WF3840077	RIDGE RD SW	1957							50	YES	1
WF3840078	WARE ST SW	1957							50	YES	1
WF3840079	ADELMAN CI SW	1957							50	YES	1
WF3840080	FREDERICK ST SW	1989							50	NO	3
WF3840081	HILLCREST DR SW	1989							50	NO	3
WF3840082	PLUM ST SW	1954							50	YES	1
WF3840083	PLUM ST SW	1954							50	YES	1
WF3840084	BIRCH ST SW	1954							50	YES	1
WF3840085	BIRCH ST SW	1954							50	YES	1
WF3840086	DOGWOOD ST SW	1955	54	42					50	YES	1
WF3840087	DOGWOOD ST SW	1953							50	YES	1
WF3840088	DOGWOOD ST SW	1953	50	30					50	YES	1
WF3840089	OAK ST SW	1989	40	30					50	NO	3
WF3840090	OAK ST SW	1953	42	30					50	YES	1
WF3840091	OAK ST SW	1953	48	35					50	YES	1
WF3840092	COTTAGE ST SW	1954	42	30					50	YES	1
WF3840093	MOORE AV SW	1954	14						50	YES	1
WF3840094	MOORE AV SW	1954	40	30					50	YES	1
WF3840095	MOORE AV SE	1963	38	25					50	NO	2
WF3840096	PARK ST SE	1949							50	YES	1
WF3840097	PARK ST SE	1949	47	40					50	YES	1
WF3840098	MANVELL RD SE	1969							50	NO	2



Fire Hydrant Inventory

4/27/2011

Asset ID (org)	Road Name	Installed Date	Static Pressure (psi)	Flow Pressure (psi)	Maintenance Needed	Rehabilitation Year	Rehabilitation Method	Historic Action	Service Life	Exceeded Service Life	Condition
WF3840143	HARMONY DR SW	1955	60	41	Paint				50	YES	1
WF3840144	TIMBER LA SW	1955							50	YES	1
WF3840145	COTTAGE ST SW	1955							50	YES	1
WF3840146	COTTAGE ST SW	1955							50	YES	1
WF3840147	KINGSLEY RD SW	1959							50	YES	1
WF3840148	KINGSLEY RD SE	1959	55	42					50	YES	1
WF3840149	KINGSLEY RD SE	1959	55	23					50	YES	1
WF3840150	LOCUST ST SW	1991		18					50	NO	3
WF3840152	PARK ST SE	1991							50	NO	3
WF3840153	PARK ST SE	1991							50	NO	3
WF3840154	PARK ST SE	1991	50	39					50	NO	3
WF3840155	PARK ST SE	1991	47	39					50	NO	3
WF3840156	PARK ST SE	1991	41	36	Paint				50	NO	3
WF3840157	MANVELL RD SE	1991	48	38	Paint				50	NO	3
WF3840158	PARK ST SE	1991							50	NO	3
WF3840159	PARK ST SE	1991	59	48					50	NO	3
WF3840160	BATTLE CT SE	1991	52	45					50	NO	3
WF3840161	COURTHOUSE RD SW	1991	10						50	NO	3
WF3840162		1991							50	NO	3
WF3910001	SARATOGA WAY NE	1973	64	6					50	NO	2
WF3910002	SAINT ANDREWS DR NE	1958	74						50	YES	1
WF3910003	SAINT ANDREWS DR NE	1958	69	17					50	YES	1
WF3910004	MAPLE AVE E	1958	80	9	Not draining				50	YES	1
WF3910005	MAPLE AVE E	1958	80	18					50	YES	1
WF3910006	WESTBRIAR DR NE	1958	76	18	Not draining				50	YES	1
WF3910007	MAPLE AVE E	1988	82	55					50	NO	3
WF3910008	MAPLE AVE E	1970	76	45					50	NO	2
WF3910009	WESTWOOD FOREST LA	1981	70	8					50	NO	3
WF3910010	WHITE BEECH WY	1980	76	10					50	NO	3
WF3910011	WOLFTRAP RD SE	1960	72	9	Not draining				50	YES	1
WF3910012	WESTWOOD TE	1976	52	5	Paint				50	NO	2
WF3910013	ECHOES ST SE	1960							50	YES	1
WF3910014	ECHOES ST SE	1956	41	9					50	YES	1
WF3910015	KRAMER DR SE	1960	45	2					50	YES	1
WF3910016	KRAMER DR SE	1960	40						50	YES	1
WF3910017	WOLFTRAP RD	1960	65	6					50	YES	1
WF3910018	NOTRE DAME DR	1957							50	NO	3
WF3910019		1991							50	YES	1
WF3910020	NIBLICK DR SE	1955	46	12					50	YES	1
WF3910021	NIBLICK DR SE	1956	42	10					50	YES	1
WF3910022	ECHOES ST SE	1991	45	17					50	NO	3
WF3910023		1991	50	20	Leaking from top by gasket				50	NO	3



Fire Hydrant Inventory

4/27/2011

Asset ID (org)	Road Name	Installed Date	Static Pressure (psi)	Flow Pressure (psi)	Maintenance Needed	Rehabilitation Year	Rehabilitation Method	Historic Action	Service Life	Exceeded Service Life	Condition
WF3930033	CASMAR ST	1969	57	46	Paint				50	NO	2
WF3930034	MCHENRY ST SE	1949							50	YES	1
WF3930035	REDWOOD DR	1964	44	25	Paint/leaks from bottom				50	NO	2
WF3930036	REDWOOD DR	1964							50	NO	2
WF3930037	MCHENRY ST	1991	53	36	Paint/fix chain				50	NO	3
WF3930038	PARK ST SE	1991	65	31					50	NO	3
WF3930039	PARK ST SE	1991	58	50	Not draining				50	NO	3
WF3930040	PARK ST SE	1991	50	40	Paint				50	NO	3
WF3930041	NINOVAN RD SE	1991							50	NO	3
WF3930106	WHITECEDAR CT	1971							50	NO	2
WF4810001	LEMONTREE LA	1981							50	NO	3
WF4810002	COURTHOUSE RD	1986							50	NO	3
WF4810003		1975							50	NO	2
WF4810004		1975							50	NO	2
WF4810005	MOOREFIELD HILL GV SW	1959							50	NO	2
WF4810006	MOOREFIELD HILL PL SW	1975							50	YES	1
WF4810007	MOOREFIELD CREEK RD SW	1975							50	NO	2
WF4810008	HUNTER CT SW	1975							50	NO	2
WF4810009	MOOREFIELD RD SW	1959							50	NO	2
WF4810010	CHERITON CT	1991							50	NO	3
WF4810UNK	PRINCETON TE SW	1959							50	YES	1
WF4820001	NUTLEY ST SW	1964							50	NO	2
WF4820002	MEADOW LA SW	1958							50	YES	1
WF4820003	TAPAWINGO RD SW	1975							50	NO	2
WF4820004	NUTLEY ST SW	1958							50	YES	1
WF4820005	TAPAWINGO RD SW	1958							50	YES	1
WF4820006	WARE ST SW	1957							50	YES	1
WF4820007	WARE ST SW	1957							50	YES	1
WF4820008	HILLCREST DR SW	1955							50	YES	1
WF4820009	FREDERICK ST SW	1955							50	YES	1
WF4820010	KIBLER CI SW	1957							50	YES	1
WF4820011	KIBLER CI SW	1957							50	YES	1
WF4820012	TRUMAN CI SW	1958							50	YES	1
WF4820013	TRUMAN CI SW	1958							50	YES	1
WF4820014	MYERS CI SW	1958							50	YES	1
WF4820015	MOOREFIELD HILL GV SW	1959							50	YES	1
WF4820016	MOOREFIELD HILL CT SW	1975							50	NO	2
WF4820017	MOOREFIELD CREEK RD SW	1975							50	NO	2
WF4820018	KINGSLEY RD SW	1958							50	YES	1
WF4820019	KINGSLEY RD SW	1958							50	YES	1
WF4820020	KINGSLEY RD SW	1958							50	YES	1
WF4820021	KINGSLEY RD SW	1958							50	YES	1



Fire Hydrant Inventory

4/27/2011

Asset ID (org)	Road Name	Installed Date	Static Pressure (psi)	Flow Pressure (psi)	Maintenance Needed	Rehabilitation Year	Rehabilitation Method	Historic Action	Service Life	Exceeded Service Life	Condition
WF4820064	HILLCREST DR SW	1959							50	YES	1
WF4820065	YEONAS DR SW	1959							50	YES	1
WF4820066	LAKWOOD DR SW	1959							50	YES	1
WF4820067	WARE ST SW	1959	55	20	Paint				50	YES	1
WF4820068	PEKAY ST SW	1959	64	17					50	YES	1
WF4820069	PEKAY ST SW	1959	70	22	Not draining				50	YES	1
WF4820070	WARE ST SW	1959	60	20					50	YES	1
WF4820071	WARE ST SW	1959	75	18	Needs oil				50	YES	1
WF4820072	WALKER ST SW	1959	76	23					50	YES	1
WF4820073	WALKER ST SW	1959	55	21					50	YES	1
WF4820074	DRAKE ST SW	1959	58	14					50	YES	1
WF4820075	DRAKE ST SW	1959	65	16					50	YES	1
WF4820076	LAKWOOD DR SW	1959	70	22	Oil cap broken				50	YES	1
WF4820077	WALKER ST SW	1959	60	16	Not draining				50	YES	1
WF4820078	LAKWOOD DR SW	1959	70	19	Not draining/needs oil cap				50	YES	1
WF4820079	HILLCREST DR SW	1959	71	23	Operation nut needs to be tightened				50	YES	1
WF4820080	COTTAGE ST SW	1959	74	18					50	YES	1
WF4820081	ROSS DR SW	1959	59	14					50	YES	1
WF4820082	ROSS DR SW	1959	64	16					50	YES	1
WF4820083	MARSHALL RD SW	1991	60	14					50	NO	3
WF4820084	KINGS WAY CT SW	1999	55	15					50	NO	3
WF4820085	JAMES DR SE	1959	67	21					50	NO	4
WF4910001	JAMES DR SW	1959	72	55	Paint				50	YES	1
WF4910002	CASMAR ST SE	1959	73	58	Paint				50	YES	1
WF4910003	FARDALE ST SE	1959	68	52	Hard to turn off				50	YES	1
WF4910004	PARK ST	1966							50	NO	2
WF4910005		1964							50	NO	2
WF4910006	PATRICK ST SE	1964	62	48	Paint				50	NO	2
WF4910007	PATRICK ST SE	1963	68	52	Tap leaks when open				50	NO	2
WF4910008		1964	61	21					50	NO	2
WF4910009		1963	57	15					50	NO	2
WF4910010		1963	51	18					50	NO	2
WF4910011		1963	55	14					50	NO	2
WF4910012	PATRICK ST SE	1963	62	45	Paint				50	NO	2
WF4910013	PATRICK ST SW	1959	70	54	Paint and grease				50	YES	1
WF4910014	SANOKEY CSE	1959	58	20	Missing oil cap/top				50	YES	1
WF4910015	CEDAR LA	1959	51	21					50	NO	3
WF4910016	CEDAR LA	1988							50	YES	1
WF4910017	PATRICK ST SW	1959	70	55	Hard to open				50	YES	1
WF4910018	PATRICK ST SW	1959	46	10					50	YES	1
WF4910019											



Fire Hydrant Inventory

4/27/2011

Asset ID (org)	Road Name	Installed Date	Static Pressure (psi)	Flow Pressure (psi)	Maintenance Needed	Rehabilitation Year	Rehabilitation Method	Historic Action	Service Life	Exceeded Service Condition
WF4910062	DENNIS DR	1960	64	50					50	YES 1
WF4910063	BOWLING GREEN DR	1960	49	46					50	YES 1
WF4910064		1985	54	44					50	NO 3



Appendix A.4 – Water Pumping & Storage Inventory



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Sanitary Sewer Inventory

4/27/2011

Pipe ID	Road Name	Material	Pipe Size	Length	Year of Street Construction	Needed Repairs List	Trouble Spots List	Rehabilitation Year	Rehabilitation Method	Historic Action	Service life	Exceeded Service Life	Condition
SP1820555	WYNHURST	CP	42	526	1971						75	NO	4
SP1820556	WYNHURST	CP	42	847	1971						75	NO	4
SP1840549	DULLES ACCESS	CP	42	628	1972						75	NO	4
SP1840550	DULLES ACCESS	CP	42	1100	1972						75	NO	4
SP1840551	BROWNS MILL	CP	42	1050	1971						75	NO	4
SP1840552	BROWNS MILL	CP	42	595	1971						75	NO	4
SP1840553	BROWNS MILL	CP	42	900	1971						75	NO	4
SP1840554	ROSEWOOD HILL	CP	42	850	1971						75	NO	4
SP1910540	PIN STRIPE	CP	30	398	1971						75	NO	4
SP1910541	PIN STRIPE	CP	30	400	1971						75	NO	4
SP1910542	PIN STRIPE	CP	30	497	1971						75	NO	4
SP1910543	THOMPSON RUN	CP	30	475	1971						75	NO	4
SP1910544	VALLEY CREEK	CP	30	500	1971						75	NO	4
SP1910545	CARPERS FARM	CP	30	342	1971						75	NO	4
SP1910546	LEESBURG	CP	42	174	1973						75	NO	4
SP1910547	VALLEY CREEK	CP	42	850	1971						75	NO	4
SP1930516	MANDOLIN	CP	24	429	1971						75	NO	4
SP1930521	CERRITOS	CP	21	262	1971						75	NO	4
SP1930522	MONTAGUE	CP	21	409	1971						75	NO	4
SP1930523	MONTAGUE	CP	21	341	1971						75	NO	4
SP1930524	MONTAGUE	CP	21	275	1971						75	NO	4
SP1930525	BEULAH	CP	21	475	1988						75	NO	4
SP1930526	BEULAH	CP	21	400	1988						75	NO	4
SP1930527	BEULAH	CP	21	346	1988						75	NO	4
SP1930528	MILL RACE ESTATES	CP	21	322	1971						75	NO	4
SP1930529	BEULAH	CP	21	262	1988						75	NO	4
SP1930530	BEULAH	CP	24	68	1988						75	NO	4
SP1930531	BEULAH	CP	24	345	1988						75	NO	4
SP1930532	BEULAH	CP	24	295	1988						75	NO	4
SP1930533	BROWNS MILL	CP	24	273	1971						75	NO	4
SP1930534	SPRING RIDGE	CP	24	327	1971						75	NO	4
SP1930535	SPRING RIDGE	CP	24	404	1971						75	NO	4
SP1930536	ROSEWOOD HILL	CP	24	424	1971						75	NO	4
SP1930537	ROSEWOOD HILL	CP	24	372	1971						75	NO	4
SP1930538	ROSEWOOD HILL	CP	24	400	1971						75	NO	4
SP1930539	CHASE HILL	CP	24	402	1971						75	NO	4
SP2720507	MEADOWLARK	CP	21	270	1976						75	NO	4
SP2720508	MEADOWLARK	CP	36	590	1976						75	NO	4
SP2720509	MEADOWLARK	CP	36	660	1976						75	NO	4
SP2720510	NEVAR	CP	36	720	1983						75	NO	4
SP2720511	ABBEY OAK	CP	36	590	1983						75	NO	4
SP2720512	ABBEY OAK	CP	42	700	1983						75	NO	4
SP2720513	MONTAFIA	CP	42	585	1983						75	NO	4
SP2720514	MONTAFIA	CP	42	600	1983						75	NO	4
SP2720515	MONTAFIA	CP	42	500	1983						75	NO	4



4/27/2011

Sanitary Sewer Inventory

Pipe ID	Road Name	Material	Pipe Size	Length	Year of Street Construction	Needed Repairs List	Trouble Spots List	Rehabilitation Year	Rehabilitation Method	Historic Action	Service Life	Exceeded Condition
SP2840006	ABBOTSFORD DR	CP	21	166	1969					75	NO	4
SP2840007	ABBOTSFORD DR	CP	21	273	1969					75	NO	4
SP2840008	ABBOTSFORD DR	CP	21	292	1969					75	NO	4
SP2840009	OLD COURTHOUSE RD	CP	21	249	1978					75	NO	4
SP2840010	OLD COURTHOUSE RD	CP	21	157	1978					75	NO	4
SP2840011	BESLEY RD	CP	21	403	1970					75	NO	4
SP2840012	BESLEY RD	CP	21	245	1970					75	NO	4
SP2840013	BESLEY RD	CP	21	165	1970					75	NO	4
SP2840014	BESLEY RD	CP	21	333	1970					75	NO	4
SP2840015	ARABIAN AV	CP	21	215	1970					75	NO	4
SP2840016	BRONCO LA	CP	21	144	1970					75	NO	4
SP2840017	HAMBLETONIAN PL	CP	21	384	1969					75	NO	4
SP2840018	WOODNOR DR NE	AC	8	320	1971					75	NO	4
SP2840019	FOXSTONE DR	CP	21	166	1969					75	NO	4
SP2840020	FOXSTONE DR	CP	21	256	1969					75	NO	4
SP2840021	MIDLOTHIAN CT	CP	21	124	1968					75	NO	4
SP2840022	MIDLOTHIAN CT	CP	21	264	1968					75	NO	4
SP2840023	WOODNOR DR	AC	8	189	1971					75	NO	4
SP2840024	CREEK CROSSING RD NE	AC	8	383	1975					75	NO	4
SP2840025	WOODNOR DR	UNKNOWN	8	370	1971					UNKNOWN	UNKNOWN	4
SP2840026	WESTWOOD DR NE	AC	8	206	1971					75	NO	4
SP2840027	AVIS CT NE	AC	8	283	1994					75	NO	4
SP2840028	CREEK CROSSING RD	AC	8	403	1975					75	NO	4
SP2840029	COUNTRY CLUB DR NE	AC	8	418	1979					75	NO	4
SP2840030	WESTWOOD DR NE	AC	8	231	1971					75	NO	4
SP2840031	WESTWOOD DR NE	AC	8	266	1971					75	NO	4
SP2840032	COUNTRY CLUB DR NE	AC	8	137	1979					75	NO	4
SP2840033	COUNTRY CLUB DR NE	AC	8	207	1979					75	NO	4
SP2840034	SKYLINE CT NE	AC	8	177	1963					75	NO	4
SP2840035	SKYLINE CT NE	AC	8	144	1963					75	NO	4
SP2840036	SKYLINE CT NE	AC	8	212	1963					75	NO	4
SP2840037	SKYLINE CT NE	AC	8	306	1963					75	NO	4
SP2840038	MANOR DR	AC	8	307	1963					75	NO	4
SP2840039	MANOR DR NE	AC	8	431	1963					75	NO	4
SP2840040	WESTWOOD DR NE	AC	8	218	1971					75	NO	4
SP2840043	WESTWOOD DR NE	AC	8	308	1971					75	NO	4
SP2840044	LONGVIEW CT NE	AC	8	162	1963					75	NO	4
SP2840045	LONGVIEW CT NE	AC	8	292	1963					75	NO	4
SP2840046	WESTWOOD DR NE	AC	8	89	1971					75	NO	4
SP2840047	WESTWOOD DR NE	AC	8	85	1971					75	NO	4
SP2840048	FIRWAY DR	AC	8	346	1971					75	NO	4
SP2840049	LONGVIEW CT NE	AC	8	392	1963					75	NO	4
SP2840050	OVERLOOK LA NE	AC	8	286	1969					75	NO	4
SP2840051	FAIRWAY DR NE	AC	8	367	1971					75	NO	4
SP2840052	FAIRWAY DR NE	AC	8	178	1971					75	NO	4



Vienna

4/27/2011

Sanitary Sewer Inventory

Pipe ID	Road Name	Material	Pipe Size	Length	Year of Street Construction	Needed Repairs List	Trouble Spots List	Rehabilitation Year	Rehabilitation Method	Historic Action	Service life	Exceeded Service Life	Condition
SP3810093	JOHN MARSHALL DR NW	AC	8	121	1968						75	NO	4
SP3810094	JOHN MARSHALL DR NW	CP	8	105	1968						75	NO	4
SP3810095	HOLMES DR NW	AC	8	35	1954						75	NO	2
SP3810096	HOLMES DR NW	CP	8	105	1954						75	NO	2
SP3810097	HOLMES DR NW	CP	8	176	1954						75	NO	4
SP3810098	TAZEWELL RD NW	CP	8	163	1955						75	NO	4
SP3810099	TAZEWELL RD NW	CP	8	50	1955						75	NO	4
SP3810100	HOLMES DR NW	CP	8	165	1954						75	NO	4
SP3810101	TAZEWELL RD NW	CP	8	280	1955						75	NO	4
SP3810102	TAZEWELL RD NW	CP	8	184	1955						75	NO	4
SP3810103	CENTER ST N	AC	8	227	1966						75	NO	4
SP3810104	CENTER ST N	AC	8	188	1966						75	NO	4
SP3810105	CENTER ST N	AC	8	152	1966						75	NO	4
SP3810106	CENTER ST N	AC	8	401	1966						75	NO	4
SP3810107	CENTER ST	AC	8	267	1966						75	NO	4
SP3810108	CENTER ST	AC	8	111	1966						75	NO	4
SP3810109	CENTER ST N	AC	8	34	1966						75	NO	4
SP3810110	CENTER ST N	AC	8	31	1966						75	NO	4
SP3810111	UPHAM PL	AC	8	322	1958						75	NO	4
SP3810112	UPHAM PL NW	AC	8	322	1958						75	NO	4
SP3810113	UPHAM PL	AC	8	192	1958						75	NO	4
SP3810114	UPHAM PL	AC	8	132	1958						75	NO	4
SP3810115	UPHAM PL	AC	8	178	1958						75	NO	4
SP3810116	UPHAM PL	AC	8	183	1958						75	NO	4
SP3810117	HERITAGE LA NW	AC	8	175	1966						75	NO	4
SP3810118	HERITAGE LA NW	AC	8	200	1966						75	NO	4
SP3810119	HERITAGE LA NW	AC	8	52	1966						75	NO	4
SP3810120	HERITAGE LA NW	AC	8	283	1966						75	NO	4
SP3810121	HERITAGE LA	AC	8	124	1966						75	NO	4
SP3810122	HERITAGE LA	AC	8	105	1966						75	NO	4
SP3810123	HERITAGE LA	AC	8	395	1966						75	NO	4
SP3810124	BRENTWOOD CT NW	PVC	8	100	1993						50	NO	4
SP3810125	BRENTWOOD CT NW	PVC	8	111	1993						50	NO	4
SP3810126	BLAIR CT NW	PVC	8	82	1979						50	NO	4
SP3810127	BLAIR CT	PVC	8	201	1979						50	NO	4
SP3810128	HERITAGE LA	PVC	8	62	1966						50	NO	4
SP3810129	HERITAGE LA	AC	8	53	1966						75	NO	4
SP3810130	BRENTWOOD CT NW	PVC	8	207	1993						50	NO	4
SP3810131	UPHAM PL NW	AC	8	228	1958						75	NO	4
SP3810132	UPHAM PL NW	AC	8	115	1958						75	NO	4
SP3810133	UPHAM PL	AC	8	127	1958						75	NO	4
SP3810134	COLONY CT	AC	8	130	1965						75	NO	4
SP3810135	COLONY CT	AC	8	166	1965						75	NO	4
SP3810136	HERITAGE LA	AC	8	186	1966						75	NO	4
SP3810137	COLONY CT	AC	8	262	1965						75	NO	4



Sanitary Pipe Inventory

4/27/2011

Pipe ID	Road Name	Material	Pipe Size	Length	Year of Street Construction	Needed Repairs List	Trouble Spots List	Rehabilitation Year	Rehabilitation Method	Historic Action	Service Life	Exceeded Condition
SP3810186	BLAIR RD NW	AC	8	126	1979					75	NO	4
SP3810187	BLAIR RD NW	AC	8	394	1979					75	NO	4
SP3810188	BRUTON PL NW	AC	8	87	1971					75	NO	4
SP3810189	BLAIR RD NW	AC	8	165	1979					75	NO	4
SP3810190	BLAIR RD NW	AC	8	294	1979					75	NO	4
SP3810191	BLAIR RD	AC	8	220	1979					75	NO	4
SP3810192	LINCOLN ST NW	CP	8	363	1978					75	NO	4
SP3810193	LINCOLN ST	CP	8	213	1978					75	NO	4
SP3810194	HIGHLAND ST	CP	8	261	1954					75	NO	4
SP3810195	RHAPSODY DR	AC	8	243	1972					75	NO	4
SP3810197	RHAPSODY DR	AC	8	72	1972					75	NO	4
SP3810198	RHAPSODY DR	CP	12	181	1972					75	NO	4
SP3810199	VICTORIA CT NW	AC	8	160	1967					75	NO	4
SP3810200	VICTORIA CT NW	AC	8	197	1967					75	NO	4
SP3810201	VICTORIA CT	AC	8	171	1967					75	NO	4
SP3810202	LAWYERS RD	AC	8	171	1958					75	NO	4
SP3810203	LAWYERS RD NW	AC	8	133	1958					75	NO	4
SP3810204	LAWYERS RD NW	AC	8	59	1958					75	NO	4
SP3810205	LAWYERS RD NW	AC	8	47	1958					75	NO	4
SP3810206	WITNESS CT	AC	8	174	1969					75	NO	4
SP3810207	WITNESS CT NW	AC	8	103	1969					75	NO	4
SP3810208	BLAIR RD NW	AC	8	197	1979					75	NO	4
SP3810209	BLAIR RD NW	AC	8	190	1979					75	NO	4
SP3810210	LAWYERS RD NW	AC	8	130	1958					75	NO	4
SP3810211	GLYNDON ST	CP	8	296	1935					75	YES	3
SP3810212	GLYNDON ST	CP	8	320	1935					75	YES	3
SP3810213	ROOSEVELT CT NE	CP	8	149	1960					75	NO	4
SP3810214	HERITAGE LA	AC	8	73	1966					75	NO	4
SP3810215	SHERIFF CT	AC	8	123	1969					75	NO	4
SP3810216	UPHAM PL	AC	8	167	1958					75	NO	4
SP3810217	CENTER ST	AC	8	179	1966					75	NO	4
SP3810218	CENTER ST	AC	8	126	1966					75	NO	4
SP3810219	CONCERT CT	CP	8	40	1972					75	NO	4
SP3810220	RIDGEWOOD CT	CP	18	102	1988					75	NO	4
SP3810221	GLYNDON ST	CP	18	179	1935					75	YES	3
SP3810222	MILL ST	CP	18	434	1970					75	NO	4
SP3810223	MILL ST	CP	18	251	1970					75	NO	4
SP3810224	CENTER ST	CP	18	277	1966					75	NO	4
SP3810225	ABBOTSFORD DR	CP	18	254	1969					75	NO	4
SP3810226	ABBOTSFORD DR	CP	18	162	1969					75	NO	4
SP3810227	ABBOTSFORD DR	CP	18	140	1969					75	NO	4
SP3810228	ABBOTSFORD DR	CP	18	336	1969					75	NO	4
SP3810229	ABBOTSFORD DR	CP	18	76	1969					75	NO	4
SP3810230	ABBOTSFORD DR	CP	18	285	1969					75	NO	4
SP3810231	CANTATA CT	CP	18	326	1971					75	NO	4



Sanitary Pipe Inventory

4/27/2011

Pipe ID	Road Name	Material	Pipe Size	Length	Year of Street Construction	Needed Repairs List	Trouble Spots List	Rehabilitation Year	Rehabilitation Method	Historic Action	Service Life	Exceeded Condition
SP3820946	BROADLEAF NE	AC	8	132	1965					75	NO	4
SP3820947	BROADLEAF	AC	8	150	1965					75	NO	4
SP3820948	HOLLOWAY	AC	8	400	1969					75	NO	4
SP3820949	HOLLOWAY	AC	8	87	1969					75	NO	4
SP3820950	HOLLOWAY	AC	8	211	1969					75	NO	4
SP3820951	AINSTREE	AC	8	23	1995					75	NO	4
SP3820952	SHERWOOD	AC	8	160	1960					75	NO	4
SP3820953	JEAN	CP	8	296	1969					75	NO	4
SP3820954	SHERWOOD	CP	8	128	1960					75	NO	4
SP3820955	JEAN NE	VC	10	180	1969					75	NO	4
SP3820956	JEAN NE	VC	8	248	1969					75	NO	4
SP3820957	GLYNDON NE	PVC	8	145	1935					50	YES	3
SP3820958	GLYNDON NE	VC	8	57	1935					75	YES	3
SP3820959	GLYNDON NE	VC	8	275	1935					75	YES	3
SP3820960	GLYNDON	VC	8	300	1935					75	YES	3
SP3820961	GLYNDON NE	CP	8	220	1935					75	YES	3
SP3820962	GLYNDON	CP	8	210	1935					75	YES	3
SP3820963	GLYNDON	CP	8	355	1935					75	YES	3
SP3820964	BROADLEAF NE	AC	8	157	1965					75	NO	4
SP3820965	BROADLEAF NE	AC	8	154	1965					75	NO	4
SP3820966	BROADLEAF NE	AC	8	390	1965					75	NO	4
SP3820967	BROADLEAF	AC	8	160	1965					75	NO	4
SP3820968	BROADLEAF	AC	8	150	1965					75	NO	4
SP3820969	BROADLEAF	AC	8	140	1965					75	NO	4
SP3820970	BROADLEAF	AC	8	102	1965					75	NO	4
SP3820971	EDWIN	AC	8	165	1965					75	NO	4
SP3820972	EDWIN NE	AC	8	385	1965					75	NO	4
SP3820973	EDWIN NE	AC	8	145	1965					75	NO	4
SP3820974	SPRINGWOOD NE	PVC	8	77	1989					50	NO	4
SP3820975	SPRINGWOOD NE	PVC	8	146	1989					50	NO	4
SP3820976	SPRINGWOOD	PVC	8	73	1989					50	NO	4
SP3820977	GLYNDON	PVC	8	79	1935					50	YES	3
SP3820978	JOHN MARSHALL	PVC	8	142	1968					50	NO	4
SP3820979	JOHN MARSHALL NE	PVC	8	106	1968					50	NO	4
SP3820980	RIDGEWOOD NE	PVC	8	108	1988					50	NO	4
SP3820981	RIDGEWOOD	PVC	8	216	1988					50	NO	4
SP3820982	RIDGEWOOD	PVC	8	112	1988					50	NO	4
SP3820983	PARK	AC	12	37	1982					75	NO	4
SP3820984	PARK	VC	12	156	1982					75	NO	4
SP3820985	PARK	AC	8	91	1982					75	NO	4
SP3820986	PARK	AC	8	185	1982					75	NO	4
SP3820987	MILL	AC	8	245	1970					75	NO	4
SP3820988	MILL	AC	12	250	1970					75	NO	4
SP3820989	PARK	VC	12	55	1982					75	NO	4
SP3820990	MILL	VC	12	95	1970					75	NO	4



Sanitary Pipe Inventory

4/27/2011

Pipe ID	Road Name	Material	Pipe Size	Length	Year of Street Construction	Needed Repairs List	Trouble Spots List	Rehabilitation Year	Rehabilitation Method	Historic Action	Service life	Exceeded Service Life	Condition
SP3821398	MILL NE	VC	10	404	1970						75	NO	4
SP3821399	DOMINION NE	VC	10	160	1967						75	NO	4
SP3821400	MILL NE	VC	10	199	1970	YES					75	NO	1
SP3821401	DOMINION NE	VC	8	405	1967						75	NO	4
SP3821402	MILL NE	VC	8	356	1970						75	NO	4
SP3821403	MILL	VC	8	124	1970						75	NO	4
SP3821404	PARK	VC	8	168	1982						75	NO	4
SP3821405	PARK	VC	8	128	1982						75	NO	4
SP3821406	PARK NE	CP	8	143	1982						75	NO	4
SP3821407	PARK NE	CP	8	236	1982						75	NO	4
SP3821408	CHURCH NE	VC	8	253	1960						75	NO	4
SP3821409	JEAN NE	VC	8	114	1969						75	NO	4
SP3821410	GLYNDON NE	VC	8	193	1935						75	YES	3
SP3821411	PARK NE	CP	8	175	1982						75	NO	4
SP3821412	GLYNDON NE	VC	8	335	1935						75	YES	3
SP3821413	GLYNDON NE	VC	8	45	1935						75	YES	3
SP3821414	GLYNDON	VC	6	390	1935						75	YES	3
SP3821415	GLYNDON NE	VC	8	72	1935						75	YES	3
SP3821416	GLYNDON NE	CP	8	313	1935						75	YES	3
SP3821417	GLYNDON NE	VC	8	255	1935						75	YES	3
SP3821418	AYR HILL NE	VC	8	345	UNKNOWN						75	UNKNOWN	4
SP3821419	AYR HILL NE	VC	8	123	UNKNOWN						75	UNKNOWN	4
SP3821420	BEULAH NE	CP	8	381	1988						75	NO	4
SP3821421	BEULAH NE	CP	8	300	1988						75	NO	4
SP3821422	WESTVIEW NE	CP	8	210	1970						75	NO	4
SP3821423	WESTVIEW NE	CP	8	85	1970						75	NO	4
SP3821424	AYR HILL NE	CP	8	297	UNKNOWN						75	UNKNOWN	4
SP3821425	AYR HILL	CP	8	201	UNKNOWN						75	UNKNOWN	4
SP3821426	KENYON	CP	8	248	UNKNOWN						75	UNKNOWN	4
SP3821427	KENYON	CP	12	130	UNKNOWN						75	UNKNOWN	4
SP3821428	KENYON	CP	12	105	UNKNOWN						75	UNKNOWN	4
SP3821429	KENYON	CP	12	207	UNKNOWN						75	YES	3
SP3821430	CREEK CROSSING	CP	12	269	1975						75	NO	4
SP3821431	CREEK CROSSING	CP	12	29	1975						75	NO	4
SP3821432	CREEK CROSSING	CP	12	53	1975						75	YES	3
SP3821433	GLYNDON NE	VC	8	250	1935						75	NO	4
SP3821434	CHURCH NE	VC	8	310	1960						75	NO	4
SP3821435	CHURCH NE	VC	8	237	1960						75	NO	4
SP3821436	GLYNDON NE	VC	8	312	1935						75	YES	3
SP3821437	MAPLE E	VC	8	90	1935						75	NO	4
SP3821438	MAPLE E	VC	8	285	1960						75	NO	4
SP3821439	MAPLE E	VC	8	383	1960						75	NO	1
SP3821440	MAPLE E	VC	8	325	1960						75	NO	1
SP3821441	MAPLE NE	VC	8	235	1960						75	NO	4
SP3821442	MILL NE	VC	8	60	1970						75	NO	4



Sanitary Pipe Inventory

4/27/2011

Pipe ID	Road Name	Material	Pipe Size	Length	Year of Street Construction	Needed Repairs List	Trouble Spots List	Rehabilitation Year	Rehabilitation Method	Historic Action	Service life	Exceeded Service Life Condition
SP3821546	EAST SE	CP	8	300	1966					75	NO	4
SP3821547	EAST SE	CP	8	162	1966					75	NO	4
SP3821548	EAST E	CP	8	260	1966					75	NO	4
SP3821549	BERRY E	CP	8	229	1971					75	NO	4
SP3821550	BERRY SE	CP	8	300	1971			2005	Lining	75	NO	4
SP3821551	BERRY	CP	8	310	1971					75	NO	4
SP3821552	BERRY SE	CP	8	220	1971					75	NO	4
SP3821553	MASHIE SE	CP	8	376	1956					75	NO	4
SP3821554	MASHIE SE	CP	8	138	1956					75	NO	4
SP3821555	PINE	CP	8	300	1890					75	YES	2
SP3821556	PINE SE	CP	8	132	1890					75	NO	3
SP3821557	EAST E	CP	8	257	1966					75	NO	4
SP3821558	MAPLE	CP	8	397	1960			2005	Lining	75	NO	4
SP3821559	MAPLE	CP	8	403	1960			2005	Lining	75	NO	4
SP3821560	MAPLE	CP	8	325	1960			2005	Lining	75	NO	4
SP3821561	MAPLE	CP	8	71	1960			2005	Lining	75	NO	4
SP3821562	MAPLE	CP	8	98	1960			2005	Lining	75	NO	4
SP3821563	MAPLE	CP	8	257	1960			2005	Lining	75	NO	4
SP3821564	KENYON	CP	8	310	UNKNOWN			2005	Lining	75	UNKNOWN	4
SP3821565	KENYON	CP	8	308	UNKNOWN			2005	Lining	75	UNKNOWN	4
SP3821566	KENYON	CP	12	207	UNKNOWN			2005	Lining	75	UNKNOWN	4
SP3821567	KENYON	CP	12	204	UNKNOWN			2005	Lining	75	UNKNOWN	4
SP3821568	EAST	AC	8	107	1966			2005	Lining	75	NO	4
SP3821569	EAST	AC	8	181	1966			2005	Lining	75	NO	4
SP3821570	EAST NE	AC	8	245	1966					75	NO	4
SP3821571	EAST NE	AC	8	160	1966					75	NO	4
SP3821572	EAST NE	AC	8	150	1966					75	NO	4
SP3821573	WESTVIEW NE	AC	8	290	1970					75	NO	4
SP3821574	WESTVIEW NE	AC	8	85	1970					75	NO	4
SP3821575	WESTVIEW NE	AC	8	75	1970					75	NO	4
SP3821576	WESTVIEW NE	AC	8	271	1970					75	NO	4
SP3821577	CREEK CROSSING	CP	8	27	1975					75	NO	4
SP3821578	FOXSTONE	CP	8	201	1969					75	NO	4
SP3821579	FOXSTONE NE	AC	8	165	1969					75	NO	4
SP3821580	CREEK CROSSING NE	AC	8	207	1975					75	NO	4
SP3821581	CREEK CROSSING NE	CP	8	405	1975					75	NO	4
SP3821582	FAIRWAY NE	CP	8	390	1971					75	NO	4
SP3821583	FAIRWAY NE	CP	8	203	1971					75	NO	4
SP3821584	CREEK CROSSING	CP	8	432	1975					75	NO	4
SP3821585	FAIRWAY	CP	8	90	1971					75	NO	4
SP3821586	CYNTHIA	AC	8	172	1968					75	NO	4
SP3821587	CYNTHIA NE	AC	8	400	1968					75	NO	4
SP3821588	CYNTHIA NE	AC	8	400	1968					75	NO	4
SP3821589	CYNTHIA	CP	8	190	1968					75	NO	4
SP3821590	DRUID HILL	CP	8	183	1973					75	NO	4



Pipe ID	Road Name	Material	Pipe Size	Length	Year of Street Construction	Needed Repairs List	Trouble Spots List	Rehabilitation Year	Rehabilitation Method	Historic Action	Service life	Exceeded Service Life Condition
SP3821637	BEULAH E	CP	8	359	1988						75	NO 4
SP3821638	MAPLE E	CP	8	345	1960						75	NO 4
SP3821639	MAPLE E	CP	8	349	1960						75	NO 4
SP3821640	BEULAH NE	CP	8	370	1988			2001	Lining		75	NO 4
SP3821641	BEULAH	CP	8	300	1988						75	NO 4
SP3821642	MAPLE	CP	12	260	1960			2005	Lining		75	NO 4
SP3821643	EAST	CP	12	260	1966						75	NO 4
SP3821644	CHURCH	AC	12	151	1960						75	NO 2
SP3821645	KENYON	CP	12	305	UNKNOWN						75	UNKNOWN 4
SP3821646	EAST NE	AC	8	68	1966						75	NO 4
SP3821647	EAST	AC	8	280	1966						75	NO 4
SP3821648	CYNTHIA	AC	8	154	1968						75	NO 4
SP3821649	CYNTHIA	AC	8	215	1968						75	NO 4
SP3821650	JOHN MARSHALL	AC	8	340	1968						75	NO 4
SP3821651	TALISMAN	AC	8	165	1968						75	NO 4
SP3821652	JOHN MARSHALL	AC	8	110	1968						75	NO 4
SP3821653	JOHN MARSHALL	AC	8	375	1968						75	NO 4
SP3821654	BRANCH SE	CP	8	115	1956						75	NO 4
SP3821655	BRANCH	PVC	8	241	1956						50	YES 3
SP3821656	PARKING LOT	PVC	8	24	1972						50	NO 4
SP3821657	PARKING LOT	PVC	8	41	1972						50	NO 4
SP3821658	PARKING LOT	CP	8	84	1972						75	NO 4
SP3821659	PARKING LOT	CP	8	354	1972						75	NO 4
SP3821660	JOHN MARSHALL NE	AC	8	380	1968						75	NO 4
SP3821661	CYNTHIA	CP	8	90	1968						75	NO 4
SP3821662	CYNTHIA	CP	8	368	1968						75	NO 4
SP3821663	CYNTHIA	CP	8	200	1968						75	NO 4
SP3821664	BEULAH	CP	8	277	1988						75	NO 4
SP3821665	SIDELING	AC	8	76	1979						75	NO 4
SP3821666	SIDELING	AC	8	208	1979						75	NO 4
SP3821667	SIDELING NE	AC	8	175	1979						75	NO 4
SP3821668	CENTER	VC	8	167	1966						75	NO 4
SP3821669	CENTER	VC	8	198	1966						75	NO 4
SP3821670	BERRY E	CP	12	392	1971						75	NO 4
SP3821671	BRANCH	CP	8	397	1956						75	NO 4
SP3821672	EAST SE	CP	8	376	1966						75	NO 4
SP3821673	WELLES SE	CP	8	208	1957						75	NO 4
SP3821674	COUNCIL NE	AC	8	68	1982						75	NO 4
SP3821675	KENYON	AC	8	163	UNKNOWN						75	UNKNOWN 4
SP3821676	KENYON	AC	8	73	UNKNOWN						75	UNKNOWN 4
SP3821677	MARPLE	AC	8	135	1960						75	NO 4
SP3821678	EAST	AC	8	105	1966						75	NO 4
SP3821679	FOLLIN	PVC	8	128	1990						50	NO 4
SP3821680	MARPLE	PVC	8	143	1960						50	YES 3
SP3821681	FAIRWAY	CP	8	165	1971						75	NO 1



Sanitary Pipe Inventory

4/27/2011

Pipe ID	Road Name	Material	Pipe Size	Length	Year of Street Construction	Needed Repairs List	Trouble Spots List	Rehabilitation Year	Rehabilitation Method	Historic Action	Service Life	Exceeded Condition
SP3821730	CREEK CROSSING	CP	15	12	1975						75	NO 4
SP3821731	GLYNDON SE	VC	8	383	1935						75	YES 3
SP3821736	CREEK CROSSING	CP	21	285	1975						75	NO 4
SP3821737	CHURCH	CP	8	153	1960						75	NO 1
SP3821738	BERRY	CP	12	224	1971						75	NO 4
SP3821739	ECHOES SE	CP	10	120	1981						75	NO 4
SP3821740	BEULAH	CP	8	60	1988						75	NO 4
SP3821741	MAPLE		8	302	1960						75	NO 4
SP3822033	GLYNDON	CP	8	263	1935						75	YES 3
SP3830177	WOODLAND CT NW	AC	8	156	1963						75	NO 4
SP3830178	WOODLAND CT NW	AC	8	83	1963						75	NO 4
SP3830179	WOODLAND CT NW	AC	8	121	1963						75	NO 4
SP3830195	HIGHLAND ST	AC	8	119	1954						75	NO 4
SP3830245	WEST ST NW	VC	8	267	1989						75	NO 4
SP3830246	WEST ST NW	VC	8	217	1989						75	NO 4
SP3830247	WEST ST	VC	8	159	1989						75	NO 4
SP3830248	MALCOLM RD NW	AC	8	200	1969						75	NO 4
SP3830249	MALCOLM RD NW	AC	8	221	1969						75	NO 4
SP3830250	MALCOLM RD NW	VC	8	281	1969						75	NO 4
SP3830251	WEST ST NW	VC	8	348	1989						75	NO 4
SP3830252	WEST ST NW	VC	8	30	1989						75	NO 4
SP3830253	WEST ST NW	VC	8	347	1989						75	NO 4
SP3830254	WEST ST NW	VC	8	338	1989						75	NO 4
SP3830255	MALCOLM RD NW	VC	8	140	1969						75	NO 4
SP3830256	MALCOLM RD NW	VC	8	276	1969						75	NO 4
SP3830257	MALCOLM RD NW	CP	8	403	1969						75	NO 4
SP3830258	NUTLEY ST NW	CP	8	150	1959						75	NO 4
SP3830259	NUTLEY ST NW	CP	8	305	1959						75	NO 4
SP3830260	NUTLEY ST NW	CP	8	105	1959						75	NO 4
SP3830261	ORCHARD ST NW	VC	8	109	1990						75	NO 4
SP3830262	ORCHARD ST NW	VC	8	127	1990						75	NO 4
SP3830263	ORCHARD ST NW	VC	8	56	1990						75	NO 4
SP3830264	ORCHARD ST NW	VC	8	240	1990						75	NO 4
SP3830265	ORCHARD ST NW	VC	8	100	1990						50	NO 4
SP3830266	LEWIS ST NW	VC	8	266	1934						50	NO 4
SP3830267	LEWIS ST NW	VC	8	330	1934						75	YES 3
SP3830268	WEST ST NW	VC	8	350	1989						75	NO 4
SP3830269	WEST ST NW	PVC	8	214	1989						50	NO 4
SP3830270	WEST CT NW	PVC	8	103	1989						50	NO 4
SP3830271	WEST CT NW	PVC	8	59	1989						50	NO 4
SP3830272	ORCHARD ST	AC	8	298	1990						75	NO 4
SP3830273	ORCHARD ST NW	PVC	8	200	1990						50	NO 4
SP3830274	ORCHARD CT NW	PVC	8	82	1990						50	NO 4
SP3830275	LEWIS ST NW	CP	8	300	1934						75	YES 3
SP3830276	WINDOVER CT	CP	8	198	1959						75	NO 4



Sanitary Pipe Inventory

4/27/2011

Pipe ID	Road Name	Material	Pipe Size	Length	Year of Street Construction	Needed Repairs List	Trouble Spots List	Rehabilitation Year	Rehabilitation Method	Historic Action	Service life	Exceeded Condition
SP3830323	MALCOLM RD NW	CP	8	175	1969					75	NO	4
SP3830324	ROBERTS DR NW	CP	8	200	1960					75	NO	4
SP3830325	JERRY LA	CP	8	350	1970					75	NO	4
SP3830326	ROBERTS DR NW	CP	8	250	1960					75	NO	4
SP3830327	MALCOLM RD NW	CP	8	181	1969					75	NO	4
SP3830328	MALCOLM RD NW	CP	8	244	1969					75	NO	4
SP3830329	MALCOLM RD	CP	8	278	1969					75	NO	4
SP3830330	MALCOLM RD	CP	8	240	1969					75	NO	4
SP3830331	HIGHLAND ST	CP	8	380	1954					75	NO	4
SP3830332	OAK VALE CT NW	UNKNOWN\	8	147	1984					UNKNOWN UNKNOWN	4	
SP3830333	VALE RD NW	UNKNOWN\	8	399	1965					UNKNOWN UNKNOWN	4	
SP3830334	MALCOLM RD NW	AC	8	104	1969					75	NO	4
SP3830335	MALCOLM RD NW	AC	8	353	1969					75	NO	4
SP3830336	VALEVIEW CT NW	AC	8	230	1968					75	NO	4
SP3830337	ORCHARD ST NW	CP	8	390	1990					75	NO	4
SP3830338	MALCOLM RD NW	CP	8	43	1969					75	NO	4
SP3830339	ORCHARD ST NW	CP	8	350	1990					75	NO	4
SP3830340	MALCOLM RD NW	CP	8	255	1969					75	NO	4
SP3830341	MALCOLM RD NW	CP	8	325	1969					75	NO	4
SP3830342	CAREY LA	CP	8	75	1959					75	NO	4
SP3830343	CAREY LA	CP	8	365	1959					75	NO	4
SP3830344	CAREY LA	CP	8	208	1959					75	NO	4
SP3830345	CAREY LA	CP	8	155	1959					75	NO	4
SP3830346	CAREY LA	CP	8	165	1959					75	NO	4
SP3830347	JERRY LA	CP	8	220	1970					75	NO	4
SP3830348	JERRY LA	CP	8	182	1970					75	NO	4
SP3830349	JERRY LA NW	CP	8	185	1970					75	NO	4
SP3830350	FLINT HILL RD	CP	8	227	1958					75	NO	4
SP3830351	SUNRISE RD	CP	8	308	1959					75	NO	4
SP3830352	CAREY LA	CP	8	397	1959					75	NO	4
SP3830353	RHAPSODY DR	CP	8	183	1972					75	NO	4
SP3830354	RHAPSODY DR	CP	8	131	1972					75	NO	4
SP3830355	RHAPSODY DR	CP	8	137	1972					75	NO	4
SP3830356	CONCERT CT	AC	8	479	1972					75	NO	4
SP3830357	RAMBLING RD	CP	8	336	1959					75	NO	2
SP3830358	RAMBLING RD	CP	8	158	1959					75	NO	2
SP3830359	SUNRISE RD	CP	8	138	1959					75	NO	2
SP3830360	SUNRISE RD	CP	8	137	1959					75	NO	4
SP3830361	SUNRISE RD	CP	8	240	1959					75	NO	4
SP3830362	RAMBLING RD	CP	8	279	1959					75	NO	4
SP3830363	RAMBLING RD	CP	8	112	1959					75	NO	4
SP3830364	RAMBLING RD	CP	8	109	1959					75	NO	2
SP3830365	SUNRISE RD	CP	8	112	1959					75	NO	2
SP3830366	SUNRISE RD	CP	8	165	1959					75	NO	4
SP3830367	SUNRISE RD	CP	8	218	1959					75	NO	4



Sanitary Pipe Inventory

4/27/2011

Pipe ID	Road Name	Material	Pipe Size	length	Year of Street Construction	Needed Repairs List	Trouble Spots List	Rehabilitation Year	Rehabilitation Method	Historic Action	Service life	Exceeded Service Life Condition
SP3830413	WINDOVER AV	AC	8	8	1959					75	NO	4
SP3830414	WINDOVER AV	AC	8	120	1959					75	NO	4
SP3830415	WINDOVER AV NW	AC	8	79	1959					75	NO	4
SP3830416	WINDOVER AV NW	AC	8	84	1959					75	NO	4
SP3830417	COMMONS DR NW	AC	8	172	1968					75	NO	4
SP3830418	COMMONS DR NW	AC	8	340	1968					75	NO	4
SP3830419	MAPLE AV	AC	8	62	1960					75	NO	4
SP3830420	NUTLEY ST	AC	8	165	1959					75	NO	4
SP3830421	WINDOVER AV	AC	8	180	1959					75	NO	4
SP3830422	WINDOVER AV	AC	8	85	1959					75	NO	4
SP3830423	WINDOVER AV	AC	8	94	1959					75	NO	4
SP3830424	WINDOVER AV	AC	8	56	1959					75	NO	4
SP3830425	WINDOVER AV	AC	8	312	1959					75	NO	4
SP3830426	NUTLEY ST SW	CP	8	340	1959					75	NO	4
SP3830427	MENDON LA	CP	8	337	1988					75	NO	4
SP3830428	NUTLEY ST SW	CP	8	300	1959					75	NO	4
SP3830429	NUTLEY ST SW	CP	8	300	1959					75	NO	4
SP3830430	NUTLEY ST SW	CP	8	263	1959					75	NO	4
SP3830431	COURTHOUSE RD	CP	8	300	1928					75	YES	3
SP3830432	NUTLEY ST SW	CP	8	223	1959					75	NO	4
SP3830433	NUTLEY ST SW	CP	8	180	1959					75	NO	4
SP3830434	WADE HAMPTON DR SW	CP	8	200	1900					75	YES	3
SP3830435	WADE HAMPTON DR SW	CP	8	259	1900					75	YES	3
SP3830436	ROLAND ST SW	CP	8	280	1994	YES				75	NO	1
SP3830437	ROLAND ST SW	CP	8	181	1994					75	NO	4
SP3830438	ROLAND ST SW	AC	8	103	1994					75	NO	4
SP3830439	MENDON LA SW	AC	8	126	1988					75	NO	4
SP3830440	MENDON LA SW	AC	8	98	1988					75	NO	4
SP3830441	NUTLEY ST SW	AC	8	73	1959					75	NO	4
SP3830442	ROLAND ST SW	AC	8	363	1994					75	NO	4
SP3830443	ROLAND ST	AC	8	295	1994					75	NO	4
SP3830444	PARIS CT SW	AC	8	173	1978					75	NO	4
SP3830445	COURTHOUSE RD SW	VP	8	370	1928					65	YES	3
SP3830446	MOOREFIELD RD	PVC	8	120	1996					50	NO	4
SP3830447	MOOREFIELD RD	PVC	8	91	1996					50	NO	4
SP3830448	NUTLEY ST	PVC	8	254	1959					50	NO	4
SP3830449	MOOREFIELD RD SW	PVC	8	200	1996					50	NO	4
SP3830450	MOOREFIELD RD SW	PVC	8	242	1996					50	NO	4
SP3830451	MOOREFIELD RD SW	PVC	8	246	1996					50	NO	4
SP3830452	MOOREFIELD RD SW	PVC	8	251	1996					50	NO	4
SP3830453	MOOREFIELD RD SW	CP	8	316	1996					75	NO	4
SP3830454	MOOREFIELD RD SW	CP	8	230	1996					75	NO	4
SP3830455	MOOREFIELD RD SW	CP	8	180	1996					75	NO	4
SP3830456	PRINCESS CT SW	CP	8	120	1959					75	NO	4
SP3830457	PRINCESS CT SW	CP	8	100	1959					75	NO	4

Pipe ID	Road Name	Material	Pipe Size	Length	Year of Street Construction	Needed Repairs List	Trouble Spots List	Rehabilitation Year	Rehabilitation Method	Historic Action	Service life	Exceeded Service Life	Condition
SP3840586	PARK ST SE	VC	8	377	1982						75	NO	4
SP3840587	GLYNDON ST SE	VC	8	155	1935						75	YES	3
SP3840588	GLYNDON ST SE	VC	8	265	1935						75	YES	3
SP3840589	GLYNDON ST SE	VC	8	280	1935						75	YES	3
SP3840590	PARK ST SE	VC	8	275	1982						75	NO	4
SP3840591	MARJORIE LA SE	CP	0	106	1967						75	NO	4
SP3840593	BRANCH RD SE	CP	8	382	1956						75	NO	4
SP3840594	WHISPERING WIND CT SE	AC	8	378	1977						75	NO	4
SP3840595	GLYNDON	PVC	8	250	1935						50	YES	3
SP3840596	GLYNDON	AC	8	112	1935						75	YES	3
SP3840597	GLYNDON	AC	8	400	1935						75	YES	3
SP3840598	ELMAR	AC	8	128	1954						75	NO	4
SP3840599	ELMAR	AC	8	52	1954						75	NO	4
SP3840600	GLYNDON	AC	8	167	1935						75	YES	3
SP3840601	GLYNDON	AC	8	168	1935						75	YES	3
SP3840602	ELMAR SE	AC	8	392	1954						75	NO	4
SP3840603	PARK SE	AC	8	73	1982						75	NO	4
SP3840604	TAPAWINGO RD SE	CP	8	291	1955						75	NO	4
SP3840605	TAPAWINGO RD SE	CP	8	222	1955						75	NO	4
SP3840606	PARK ST SE	CP	8	261	1982						75	NO	4
SP3840607	PARK ST SE	CP	8	186	1982						75	NO	4
SP3840608	CIRCLE DR SE	CP	8	265	1951						75	NO	4
SP3840609	ULLABY LA SE	CP	8	216	1952						75	NO	4
SP3840610	ULLABY LA SE	PVC	8	169	1952						50	YES	3
SP3840611	ULLABY LA SE	PVC	8	27	1952						50	YES	3
SP3840612	ULLABY LA	CP	8	162	1952						75	NO	4
SP3840613	HARMONY DR	CP	8	380	1953						75	NO	4
SP3840614	MELODY LA	CP	8	420	1952						75	NO	4
SP3840615	KINGSLEY RD	CP	8	380	1952						75	NO	4
SP3840616	KINGSLEY RD	CP	8	131	1952						75	NO	4
SP3840617	PARK ST SE	CP	8	264	1982						75	NO	4
SP3840618	PARK ST SE	CP	8	226	1982						75	NO	4
SP3840619	TAPAWINGO RD SE	VC	8	411	1955						75	NO	4
SP3840620	TAPAWINGO RD SE	VC	8	354	1955						75	NO	4
SP3840621	TAPAWINGO RD SE	CP	8	166	1955						75	NO	4
SP3840622	SIOUX CT SE	CP	8	133	1966						75	NO	4
SP3840623	SIOUX CT SE	CP	8	260	1966						75	NO	4
SP3840624	SIOUX CT SE	AC	8	190	1966						75	NO	4
SP3840625	TAPAWINGO RD SE	VC	8	197	1955						75	NO	4
SP3840626	GLYNDON ST SE	VC	8	197	1935						75	YES	3
SP3840627	GLYNDON ST	VC	6	260	1935						75	YES	3
SP3840628	TAPAWINGO RD	VC	6	303	1955						75	NO	4
SP3840629	TAPAWINGO RD SE	PVC	8	266	1955						50	YES	3
SP3840630	GLYNDON ST SE	PVC	8	170	1935						50	YES	3
SP3840631	GLYNDON ST SE	PVC	8	133	1935						50	YES	3



Vienna

4/27/2011

Sanitary Pipe Inventory

Pipe ID	Road Name	Material	Pipe Size	Length	Year of Street Construction	Needed Repairs List	Trouble Spots List	Rehabilitation Year	Rehabilitation Method	Historic Action	Service Life	Exceeded Condition
SP3840678	DESALE ST SW	CP	8	162	1961					75	NO	4
SP3840679	HARMONY DR SW	CP	8	90	1953					75	NO	4
SP3840680	HARMONY DR SW	CP	8	150	1953					75	NO	4
SP3840681	HARMONY DR SW	CP	8	111	1953					75	NO	4
SP3840682	HARMONY DR SW	CP	8	42	1953					75	NO	4
SP3840683	HARMONY DR SW	CP	8	40	1953					75	NO	4
SP3840684	HARMONY DR SW	CP	8	90	1953					75	NO	4
SP3840685	HARMONY DR SW	CP	8	65	1953					75	NO	4
SP3840686	HARMONY DR	CP	8	372	1953					75	NO	4
SP3840687	HARMONY DR SW	CP	8	145	1953					75	NO	4
SP3840688	PLUM ST SW	CP	8	400	1955					75	NO	4
SP3840689	HARMONY DR SW	AC	8	30	1953					75	NO	4
SP3840690	HARMONY DR	AC	8	117	1953					75	NO	4
SP3840691	KINGSLEY RD	CP	8	210	1952					75	NO	4
SP3840692	KINGSLEY RD SW	CP	8	245	1952					75	NO	4
SP3840693	DESALE ST	CP	8	405	1961					75	NO	4
SP3840696	KINGSLEY RD SE	CP	8	402	1952					75	NO	4
SP3840697	CHARLES CI	CP	8	373	1955					75	NO	4
SP3840698	ELMAR DR SE	CP	8	167	1954					75	NO	4
SP3840699	ELMAR DR SE	CP	8	139	1954					75	NO	4
SP3840700	ELMAR DR SE	CP	8	123	1954					75	NO	4
SP3840701	ELMAR DR SE	CP	8	100	1954					75	NO	4
SP3840702	ELMAR DR	AC	8	127	1954					75	NO	4
SP3840703	ELMAR DR SE	CP	8	100	1954					75	NO	4
SP3840704	HARMONY DR SW	CP	8	240	1953					75	NO	4
SP3840705	TIMBER LA SW	CP	8	225	1955					75	NO	4
SP3840706	TIMBER LA SW	CP	8	225	1955					75	NO	4
SP3840707	HARMONY DR SW	CP	8	210	1953					75	NO	4
SP3840708	PLUM ST SW	CP	8	381	1955					75	NO	4
SP3840709	TAPAWINGO RD SW	CP	8	190	1955					75	NO	4
SP3840710	TAPAWINGO RD SW	CP	8	410	1955					75	NO	4
SP3840711	TAPAWINGO RD SW	CP	8	270	1955					75	NO	4
SP3840712	TAPAWINGO SW	CP	8	150	1955					75	NO	4
SP3840713	COTTAGE SW	CP	8	149	1962					75	NO	4
SP3840714	COTTAGE SW	CP	8	200	1962					75	NO	4
SP3840715	TAPAWINGO	CP	8	200	1955					75	NO	4
SP3840716	PLUM SW	CP	8	200	1955					75	NO	4
SP3840717	PLUM SW	CP	8	245	1955					75	NO	4
SP3840718	PLUM SW	CP	8	150	1955					75	NO	4
SP3840719	PLUM SW	CP	8	150	1955	YES				75	NO	1
SP3840720	PLUM SW	CP	8	175	1955	YES				75	NO	1
SP3840721	ARCADIAN SW	CP	6	66	1954					75	NO	4
SP3840722	ARCADIAN SW	CP	8	290	1954					75	NO	4
SP3840723	COTTAGE SW	CP	8	226	1962					75	NO	4
SP3840724	COTTAGE SW	CP	8	206	1962					75	NO	4



Sanitary Pipe Inventory

4/27/2011

Pipe ID	Road Name	Material	Pipe Size	Length	Year of Street Construction	Needed Repairs List	Trouble Spots List	Rehabilitation Year	Rehabilitation Method	Historic Action	Service life	Exceeded Service Life	Condition
SP3841050	OAK SW	CP	8	108	1970						75	NO	4
SP3841051	OAK SW	CP	8	115	1970						75	NO	4
SP3841052	COTTAGE SW	CP	8	310	1962						75	NO	4
SP3841053	COTTAGE SW	CP	8	240	1962						75	NO	4
SP3841054	BATTLE SW	CP	8	188	1974						75	NO	4
SP3841055	BIRCH SW	CP	8	104	1954						75	NO	4
SP3841056	OAK SW	CP	8	125	1970						75	NO	4
SP3841057	OAK SW	CP	8	270	1970						75	NO	4
SP3841058	OAK SW	CP	8	225	1970						75	NO	4
SP3841059	OAK SW	CP	8	210	1970						75	NO	4
SP3841060	COTTAGE SW	CP	8	370	1962	YES					75	NO	1
SP3841061	DOGWOOD SW	CP	8	335	1968						75	NO	4
SP3841062	MOORE S	CP	8	223	1977						75	NO	4
SP3841063	OAK S	AC	8	277	1970						75	NO	4
SP3841064	MOORE SE	CP	8	248	1977						75	NO	4
SP3841065	MOORE SW	CP	8	275	1977						75	NO	4
SP3841066	MOORE SW	CP	8	291	1977						75	NO	4
SP3841067	MOORE SW	CP	8	274	1977						75	NO	4
SP3841068	DESALE SW	CP	8	103	1961						75	NO	4
SP3841069	ELMAR SW	CP	8	129	1954						75	NO	4
SP3841070	ELMAR SW	CP	8	99	1954						75	NO	4
SP3841071	CHARLES SW	CP	8	290	1955						75	NO	4
SP3841072	CHARLES SW	CP	8	150	1955						75	NO	4
SP3841073	MOORE SW	CP	8	287	1977						75	NO	4
SP3841074	MOORE SW	CP	8	126	1977						75	NO	4
SP3841075	HILLCREST SW	CP	8	225	1955						75	NO	4
SP3841076	HILLCREST SW	CP	8	386	1955						75	NO	4
SP3841077	NANTERRY SW	CP	8	207	1954						75	NO	4
SP3841078	PLUM SW	CP	8	104	1955						75	NO	4
SP3841079	PLUM SW	CP	8	187	1955						75	NO	4
SP3841080	PLUM SW	CP	8	201	1955						75	NO	4
SP3841081	PLUM SW	CP	8	183	1955						75	NO	4
SP3841082	FREDERICK SW	CP	8	372	1955						75	NO	4
SP3841083	FREDERICK SW	CP	8	85	1955						75	NO	4
SP3841084	RIDGE SW	CP	8	167	1980						75	NO	4
SP3841085	RIDGE SW	CP	8	308	1980						75	NO	4
SP3841086	WARE SW	CP	8	189	1967						75	NO	4
SP3841087	WARE SW	CP	8	245	1967						75	NO	4
SP3841088	WARE SW	CP	8	282	1967						75	NO	4
SP3841089	STEPHEN SW	CP	8	252	1957						75	NO	4
SP3841090	STEPHEN SW	CP	8	209	1957						75	NO	4
SP3841091	MEADOW SW	CP	8	205	1954						75	NO	4
SP3841092	MEADOW SW	CP	8	184	1954						75	NO	4
SP3841093	WARE SW	CP	8	184	1967						75	NO	4
SP3841094	WARE SW	CP	8	150	1967						75	NO	4



Sanitary Pipe Inventory

4/27/2011

Pipe ID	Road Name	Material	Pipe Size	Length	Year of Street Construction	Needed Repairs List	Trouble Spots List	Rehabilitation Year	Rehabilitation Method	Historic Action	Service life	Exceeded Service Life Condition
SP3841141	PLUM SW	CP	8	303	1955						75	NO 4
SP3841142	PLUM SW	CP	8	278	1955						75	NO 4
SP3841143	COURTHOUSE SW	VC	8	135	1928						75	YES 3
SP3841144	COURTHOUSE	VC	8	330	1928						75	YES 3
SP3841145	COURTHOUSE SW	AC	8	340	1928						75	YES 3
SP3841146	COURTHOUSE SW	AC	8	270	1928						75	YES 3
SP3841147	COURTHOUSE SW	VC	8	165	1928						75	YES 3
SP3841148	COURTHOUSE SW	VP	8	148	1928						65	YES 3
SP3841149	COURTHOUSE SW	CP	8	42	1928						75	YES 3
SP3841150	COURTHOUSE SW	AC	8	230	1928						75	YES 3
SP3841151	PLEASANT SW	AC	8	140	1952						75	NO 4
SP3841152	PLEASANT SW	AC	8	156	1952						75	NO 4
SP3841153	COURTHOUSE SW	AC	8	52	1928						75	YES 3
SP3841154	COURTHOUSE	VC	8	247	1928						75	YES 3
SP3841155	COURTHOUSE SW	VC	8	193	1928						75	YES 3
SP3841156	COURTHOUSE SW	VC	8	200	1928						75	YES 3
SP3841157	COURTHOUSE SW	VC	8	393	1928						75	YES 3
SP3841158	COURTHOUSE SW	VC	8	58	1928						75	YES 3
SP3841159	LAWYERS SW	VC	8	194	1958						75	NO 4
SP3841160	LAWYERS W	VC	10	325	1958						75	NO 4
SP3841161	MAPLE W	VC	10	368	1960						75	NO 4
SP3841162	MAPLE W	VC	10	229	1960						75	NO 4
SP3841163	MAPLE E	VC	10	97	1960						75	NO 4
SP3841164	MAPLE	PVC	10	194	1960						50	YES 2
SP3841165	CENTER	VC	10	173	1966						75	NO 2
SP3841166	CHURCH	VC	10	256	1960						75	NO 4
SP3841167	LAWYERS NW	AC	6	56	1958						75	NO 4
SP3841168	LAWYERS NW	CIP	6	97	1958						100	NO 4
SP3841169	AYR HILL NW	VC	8	154	UNKNOWN						75	UNKNOWN 4
SP3841170	WALNUT NW	CP	8	98	1954						75	NO 4
SP3841171	LAWYERS NW	VC	8	107	1958						75	NO 4
SP3841172	WEST NW	VC	8	38	1989						75	NO 4
SP3841173	LAWYERS NW	VC	8	59	1958						75	NO 4
SP3841174	WALNUT NW	CP	8	200	1954						75	NO 4
SP3841175	WALNUT NW	VC	8	150	1954						75	NO 4
SP3841176	MAPLE E	VC	8	59	1960						75	NO 4
SP3841177	MAPLE E	VC	8	275	1960						75	NO 4
SP3841178	PLEASANT NW	VC	8	360	1952						75	NO 4
SP3841179	PLEASANT W	VC	10	385	1952						75	NO 4
SP3841180	LAWYERS W	VC	10	378	1958						75	NO 1
SP3841181	PLEASANT NW	CP	6	191	1952						75	NO 4
SP3841182	PLEASANT W	VC	10	395	1952						75	NO 4
SP3841183	PLEASANT SW	VC	8	236	1952						75	NO 4
SP3841184	PLEASANT SW	VC	8	145	1952						75	NO 4
SP3841185	PLEASANT SW	VC	8	298	1952						75	NO 4



Sanitary Pipe Inventory

4/27/2011

Pipe ID	Road Name	Material	Pipe Size	Length	Year of Street Construction	Needed Repairs List	Trouble Spots List	Rehabilitation Year	Rehabilitation Method	Historic Action	Service life	Exceeded Service Life Condition
SP3841231	BATTLE	AC	8	300	1974						75	NO 4
SP3841232	CENTER S	AC	8	298	1966						75	NO 4
SP3841233	CENTER SW	AC	8	66	1966						75	NO 4
SP3841234	ELM SW	CP	8	335	1963						75	NO 4
SP3841235	COTTAGE SW	CP	8	367	1962						75	NO 4
SP3841236	BATTLE SE	CP	8	290	1974						75	NO 4
SP3841237	SPRING SE	CP	8	247	1963						75	NO 4
SP3841238	SPRING SE	CP	8	301	1963						75	NO 4
SP3841239	SPRING SE	CP	8	243	1963						75	NO 4
SP3841240	BATTLE SE	CP	8	328	1974						75	NO 4
SP3841241	BATTLE SE	CP	8	214	1974						75	NO 4
SP3841242	MILL	CP	8	272	1970						75	NO 4
SP3841243	PARK SE	CP	8	322	1982						75	NO 4
SP3841244	PARK SE	PVC	8	100	1982						50	NO 4
SP3841245	PARK SE	PVC	8	181	1982						50	NO 4
SP3841246	PARK SE	PVC	8	158	1982						50	NO 4
SP3841247	PARK SE	PVC	12	363	1982						50	NO 4
SP3841248	PARK SE	PVC	12	331	1982						50	NO 4
SP3841249	PARK SE	PVC	12	316	1982						50	NO 4
SP3841250	MANVELL SE	VC	8	270	1977						75	NO 4
SP3841251	PARK	VC	8	288	1982						75	NO 4
SP3841252	PARK SE	VC	8	62	1982						75	NO 4
SP3841253	PARK SE	PVC	8	8	1982						50	NO 4
SP3841254	PARK SE	PVC	8	225	1982						50	NO 4
SP3841255	WHISPERING WIND SE	AC	8	82	1977						75	NO 4
SP3841256	PARK	AC	8	400	1982						75	NO 4
SP3841257	PARK	AC	8	193	1982						75	NO 1
SP3841258	PARK	PVC	8	165	1982						50	NO 4
SP3841259	PARK SE	PVC	8	36	1982						50	NO 4
SP3841260	PARK	DIP	8	123	1982						75	NO 4
SP3841261	PARK TERRACE	CP	8	125	1963						75	NO 4
SP3841262	PARK SE	PVC	8	39	1982						50	NO 4
SP3841263	PARK TERRACE	CP	8	297	1963						75	NO 4
SP3841264	PARK TERRACE SE	AC	8	231	1963						75	NO 4
SP3841265	DOMINION SE	AC	8	231	1967						75	NO 4
SP3841266	DOMINION SE	AC	8	121	1967						75	NO 4
SP3841267	LOCUST SE	VC	8	247	1973						75	NO 4
SP3841268	LOCUST SE	VC	8	112	1973						75	NO 4
SP3841269	PARK SE	PVC	8	19	1982						50	NO 4
SP3841270	LOCUST	PVC	8	130	1973						50	NO 4
SP3841271	PARK	PVC	8	96	1982						50	NO 4
SP3841272	LOCUST	PVC	8	65	1973						50	NO 4
SP3841273	PARK	PVC	8	68	1982						50	NO 4
SP3841274	GLYNDON SE	VC	8	325	1935						75	YES 3
SP3841275	GLYNDON SE	VC	8	391	1935						75	YES 3

YES

Pipe ID	Road Name	Material	Pipe Size	Length	Year of Street Construction	Needed Repairs List	Trouble Spots List	Rehabilitation Year	Rehabilitation Method	Historic Action	Service life	Exceeded Service Life	Condition
SP3910762	WOLFTRAP	CP	8	100	1974						75	NO	4
SP3910763	WOLFTRAP SE	CP	8	125	1974						75	NO	4
SP3910764	POLLY SE	CP	8	200	1978						75	NO	4
SP3910765	KRAMER SE	CP	8	184	1961						75	NO	4
SP3910766	KRAMER SE	CP	8	135	1961						75	NO	4
SP3910767	KRAMER SE	CP	8	160	1961						75	NO	4
SP3910768	KRAMER SE	CP	8	192	1961						75	NO	4
SP3910769	KRAMER SE	CP	8	218	1961						75	NO	4
SP3910770	KRAMER SE	CP	8	76	1961						75	NO	4
SP3910771	KRAMER SE	CP	8	122	1961						75	NO	4
SP3910772	KRAMER SE	CP	8	125	1961						75	NO	4
SP3910773	KRAMER SE	CP	8	250	1961						75	NO	4
SP3910774	ECHOLS SE	CP	8	223	1981						75	NO	4
SP3910775	ECHOLS SE	CP	8	85	1981						75	NO	4
SP3910776	ECHOLS SE	CP	8	216	1981						75	NO	4
SP3910777	WOLFTRAP SE	CP	8	242	1974						75	NO	4
SP3910778	NIBLICK SE	CP	8	160	1955						75	NO	4
SP3910779	NIBLICK SE	CP	8	246	1955						75	NO	4
SP3910780	NIBLICK SE	CP	8	375	1955						75	NO	4
SP3910781	ECHOLS SE	CP	8	350	1981						75	NO	4
SP3910782	MASHIE SE	CP	8	105	1956						75	NO	4
SP3910783	MASHIE SE	CP	8	273	1956						75	NO	4
SP3910784	MASHIE	CP	8	224	1956						75	NO	4
SP3910785	NIBLICK	CP	8	208	1955						75	NO	4
SP3910786	NIBLICK SE	CP	8	370	1955						75	NO	4
SP3910787	NIBLICK SE	CP	8	385	1955						75	NO	4
SP3910788	NOTRE DAME	CP	8	258	1978						75	NO	4
SP3910789	NOTRE DAME	CP	8	278	1978						75	NO	4
SP3910790	NIBLICK SE	CP	8	148	1955						75	NO	4
SP3910791	NIBLICK SE	CP	8	145	1955						75	NO	4
SP3910794	WOLFTRAP	CP	8	202	1974						75	NO	4
SP3910795	MAPLE	CP	8	203	1960						75	NO	4
SP3910801	MASHIE SE	CP	8	248	1956						75	NO	4
SP3910808	ORRIN SE	CP	8	375	1956						75	NO	4
SP3910809	ALMA SE	CP	8	357	1956						75	NO	4
SP3910810	ALMA SE	CP	8	370	1956						75	NO	4
SP3910811	FOLLIN	CP	8	397	1990						75	NO	4
SP3910812	FOLLIN	AC	8	95	1990						75	NO	4
SP3910813	FOLLIN SE	AC	8	424	1990						75	NO	4
SP3910814	FOLLIN SE	AC	8	70	1990						75	NO	4
SP3910815	FOLLIN	AC	8	154	1990						75	NO	4
SP3910816	FOLLIN	AC	8	225	1990						75	NO	4
SP3910817	FOLLIN	AC	8	225	1990						75	NO	4
SP3910818	DOMINION	AC	8	230	1967						75	NO	4
SP3990632	GLYNDON ST SE	CP	8	244	1935						75	YES	3



Sanitary Pipe Inventory

4/27/2011

Pipe ID	Road Name	Material	Pipe Size	Length	Year of Street Construction	Needed Repairs List	Trouble Spots List	Rehabilitation Year	Rehabilitation Method	Historic Action	Service life	Exceeded Service Life	Condition
SP3930871	NINOVAN	AC	8	143	1973						75	NO	4
SP3930872	NINOVAN	AC	8	207	1973						75	NO	4
SP3930873	ADAHI	AC	8	198	2003						75	NO	4
SP3930874	NINOVAN	AC	8	363	1973						75	NO	4
SP3930875	NINOVAN	AC	8	107	1973						75	NO	4
SP3930876	NINOVAN	AC	8	234	1973						75	NO	4
SP3930877	ELECTRIC	AC	8	169	1968						75	NO	4
SP3930878	APONI	AC	8	180	1968						75	NO	4
SP3930879	AYITO	CP	8	115	1980						75	NO	4
SP3930880	KERGE	CP	8	155	1974						75	NO	4
SP3930881	KERGE SE	AC	8	66	1974						75	NO	4
SP3930882	KERGE	CP	8	153	1974						75	NO	4
SP3930883	AYITO RD SE	CP	8	60	1980						75	NO	4
SP3930884	AYITO RD SE	CP	8	347	1980						75	NO	4
SP3930885	AYITO RD SE	CP	8	81	1980						75	NO	4
SP3930886	AYITO RD SE	CP	8	245	1980						75	NO	4
SP3930887	REDWOOD DR	CP	8	365	1968						75	NO	4
SP3930888	SHADY DR	PVC	8	285	1966						50	NO	4
SP3930889	ADAHI RD SE	CP	8	111	2003						75	NO	4
SP3930890	APONI RD SE	UNKNOWN	8	176	1968						UNKNOWN UNKNOWN	4	
SP3930891	ADAHI RD SE	UNKNOWN	8	179	2003						UNKNOWN UNKNOWN	4	
SP3930892	MALRAUX	AC	8	171	1973						75	NO	4
SP3930893	MALRAUX	AC	8	66	1973						75	NO	4
SP3930894	ELECTRIC	AC	8	56	1968						75	NO	4
SP3930895	ELECTRIC	AC	8	73	1968						75	NO	4
SP3930896	CHESTERTOWN	AC	8	203	1972						75	NO	4
SP3930897	CHESTERTOWN	AC	8	153	1972						75	NO	4
SP3930898	CHESTERTOWN	AC	8	278	1972						75	NO	4
SP3930899	CHESTERTOWN	AC	8	286	1972						75	NO	4
SP3930900	CHESTERTOWN	AC	8	89	1972						75	NO	4
SP3930901	BETTERTON	AC	8	248	1973						75	NO	4
SP3930902	CHESTERTOWN	AC	8	83	1972						75	NO	4
SP3930903	RICHELIEU	AC	8	160	1974						75	NO	4
SP3930904	RICHELIEU	AC	8	213	1974						75	NO	4
SP3930905	CHESTERTOWN	AC	8	125	1972						75	NO	4
SP3930906	CHESTERTOWN	AC	8	145	1972						75	NO	4
SP3930907	MALRAUX	AC	8	124	1973						75	NO	4
SP3930908	MALRAUX	AC	8	304	1973						75	NO	4
SP3930909	MALRAUX	AC	8	204	1973						75	NO	4
SP3930910	MALRAUX	AC	8	148	1973						75	NO	4
SP3930911	RICHELIEU	AC	8	89	1974						75	NO	4
SP3930912	RICHELIEU	AC	8	127	1974						75	NO	4
SP3930913	RICHELIEU	AC	8	94	1974						75	NO	4
SP3930914	RICHELIEU	AC	8	218	1974						75	NO	4
SP3930915	CRAIGO	AC	8	126	1974						75	NO	4



Pipe ID	Road Name	Material	Pipe Size	Length	Year of Street Construction	Needed Repairs List	Trouble Spots List	Rehabilitation Year	Rehabilitation Method	Historic Action	Service life	Exceeded Service Life Condition
SP3931493	AUDREYS	PVC	8	220	1964					50	NO	4
SP3931494	GLYNDON SE	CP	8	350	1935					75	YES	3
SP3931495	GLYNDON SE	CP	8	305	1935					75	YES	3
SP3931496	AUDREYS	CP	8	263	1964					75	NO	4
SP3931497	AUDREYS	CP	8	302	1964					75	NO	4
SP3931498	AUDREYS SE	CP	8	120	1964					75	NO	4
SP3931499	GLYNDON	CP	8	320	1935					75	YES	3
SP3931500	AYITO	CP	8	266	1980					75	NO	4
SP3931501	PARK SE	CP	8	228	1982					75	NO	4
SP3931502	CASMAR	CP	8	200	2003					75	NO	4
SP3931503	CASMAR	CP	8	200	2003					75	NO	4
SP3931504	MICHENRY	CP	8	245	1987					75	NO	4
SP3931505	MICHENRY	CP	8	196	1987					75	NO	4
SP3931506	MICHENRY	CP	8	300	1987					75	NO	4
SP3931507	MICHENRY	CP	8	134	1987					75	NO	4
SP3931508	PARK	CP	8	399	1982					75	NO	4
SP3931509	MICHENRY	CP	8	400	1987					75	NO	4
SP3931510	JANET	CP	8	97	1964					75	NO	4
SP3931511	JANET	CP	8	345	1964					75	NO	4
SP3931512	JANET	CP	8	336	1964					75	NO	4
SP3931513	WILLIAMS	CP	8	228	1967					75	NO	4
SP3931514	JANET	CP	8	130	1964					75	NO	4
SP3931515	JANET	CP	8	150	1964					75	NO	4
SP3931516	REDWOOD	CP	8	375	1968					75	NO	4
SP3931517	REDWOOD	CP	8	310	1968					75	NO	4
SP3931518	JANET	CP	8	157	1964					75	NO	4
SP3931519	MICHENRY	CP	8	385	1987					75	NO	4
SP3931520	CEDAR	CP	8	98	1966					75	NO	4
SP3931521	REDWOOD	CP	8	189	1968					75	NO	4
SP3931522	REDWOOD	CP	8	215	1968					75	NO	4
SP3931523	REDWOOD	CP	8	245	1968					75	NO	4
SP3931524	REDWOOD	CP	8	92	1968					75	NO	4
SP3931525	JANET	CP	8	366	1964					75	NO	4
SP3931732	AUDREYS	CP	8	161	1964					75	NO	4
SP3931733	MICHENRY	CP	8	199	1987					75	NO	4
SP3931734	MICHENRY	CP	8	215	1987					75	NO	4
SP4811284	MOOREFIELD SW	CP	8	230	1996					75	NO	4
SP4811285	MOOREFIELD SW	CP	8	100	1996					75	NO	4
SP4811286	PRINCETON SW	CP	8	260	1960					75	NO	4
SP4811287	HUNTER	CP	8	196	1960					75	NO	4
SP4811288	HUNTER SW	CP	8	113	1960					75	NO	4
SP4811289	HUNTER SW	AC	8	134	1960					75	NO	4
SP4811290	HUNTER SW	CP	8	94	1960					75	NO	4
SP4811291	HUNTER	CP	8	268	1960					75	NO	4
SP4811746	TAPAWINGO	CP	8	223	1955					75	NO	4



Pipe ID	Road Name	Material	Pipe Size	Length	Year of Street Construction	Needed Repairs List	Trouble Spots List	Rehabilitation Year	Rehabilitation Method	Historic Action	Service Life	Exceeded Condition
SP4821778	MARSHALL SW	CP	8	298	1959					75	NO	4
SP4821779	MARSHALL SW	CP	8	125	1959					75	NO	4
SP4821780	MARSHALL SW	PVC	8	115	1959					50	YES	3
SP4821781	TROWBRIDGE SW	PVC	8	105	1995					50	NO	4
SP4821782	MARSHALL SW	CP	8	65	1959					75	NO	4
SP4821783	MARSHALL SW	CP	8	120	1959					75	NO	4
SP4821784	WARE SW	CP	10	215	1967					75	NO	4
SP4821785	RACHEL SW	AC	8	132	1976					75	NO	4
SP4821786	RACHEL SW	AC	8	80	1976					75	NO	4
SP4821787	RACHEL	AC	8	195	1976					75	NO	4
SP4821788	KINGSLEY	CP	8	80	1952					75	NO	4
SP4821789	KINGSLEY	CP	8	262	1952					75	NO	4
SP4821790	DELLAH	AC	8	132	1975					75	NO	4
SP4821791	KINGSLEY	AC	8	365	1952					75	NO	4
SP4821792	PICKETT	AC	8	185	1968					75	NO	4
SP4821793	PICKETT SW	AC	8	210	1968					75	NO	4
SP4821794	PICKETT SW	AC	8	50	1968					75	NO	4
SP4821795	NUTLEY	CP	8	380	1959					75	NO	4
SP4821796	NUTLEY	CP	8	375	1959					75	NO	4
SP4821797	NUTLEY	CP	8	285	1959					75	NO	4
SP4821798	DELLWOOD	CP	8	422	1959					75	NO	4
SP4821799	DELLWOOD	CP	8	375	1959					75	NO	4
SP4821800	DELLWOOD	CP	8	250	1959					75	NO	4
SP4821801	DELLWOOD	CP	8	250	1959					75	NO	4
SP4821802	BRIAN	CP	8	266	1959					75	NO	4
SP4821803	DELLWOOD	CP	8	275	1959					75	NO	4
SP4821804	BRIAN	CP	8	100	1959					75	NO	4
SP4821805	BRIAN	CP	8	250	1959					75	NO	4
SP4821806	BRIAN	CP	8	250	1959					75	NO	4
SP4821807	BRIAN	CP	8	200	1959					75	NO	4
SP4821808	BRIAN	CP	8	200	1959					75	NO	4
SP4821809	BRIAN	CP	8	125	1959					75	NO	4
SP4821810	DELLWOOD	CP	8	245	1959					75	NO	4
SP4821811	DELLWOOD	CP	8	194	1959					75	NO	4
SP4821812	YEONAS	CP	8	335	1959					75	NO	4
SP4821813	YEONAS	CP	8	257	1959					75	NO	4
SP4821814	YEONAS	CP	8	306	1959					75	NO	4
SP4821815	PEKAY SW	CP	8	150	1959					75	NO	4
SP4821816	PEKAY SW	CP	8	350	1959					75	NO	4
SP4821817	PEKAY SW	CP	8	320	1959					75	NO	4
SP4821818	PEKAY SW	CP	8	130	1959					75	NO	4
SP4821819	PEKAY SW	CP	8	168	1959					75	NO	4
SP4821820	WARE SW	CP	8	285	1967					75	NO	4
SP4821821	WALKER SW	CP	8	234	1959					75	NO	4
SP4821822	WARE SW	CP	10	235	1967					75	NO	4

Sanitary Pipe Inventory



4/27/2011

Pipe ID	Road Name	Material	Pipe Size	Length	Year of Street Construction	Needed Repairs List	Trouble Spots List	Rehabilitation Year	Rehabilitation Method	Historic Action	Service life	Exceeded Service Life	Condition
SP4821868	COTTAGE SW	CP	8	160	1962						75	NO	4
SP4821869	COTTAGE SW	CP	8	347	1962						75	NO	4
SP4821870	YEONAS SW	CP	8	250	1959						75	NO	4
SP4821871	COTTAGE SW	CP	8	274	1962						75	NO	4
SP4821872	COTTAGE SW	CP	8	151	1962						75	NO	4
SP4821873	COTTAGE	CP	10	350	1962						75	NO	4
SP4821874	COTTAGE	CP	8	225	1962						75	NO	4
SP4821875	YEONAS	CP	8	329	1959						75	NO	4
SP4821876	YEONAS	CP	8	120	1959						75	NO	4
SP4821877	YEONAS	CP	8	193	1959						75	NO	4
SP4821878	KINGSLEY SW	CP	8	125	1952						75	NO	4
SP4821879	KINGSLEY SW	CP	8	300	1952						75	NO	4
SP4821880	KINGSLEY SW	CP	8	327	1952						75	NO	4
SP4821881	KINGSLEY SW	CP	8	180	1952						75	NO	4
SP4821882	HILLCREST SW	CP	8	216	1955						75	NO	4
SP4821883	KINGSLEY SW	CP	8	202	1952						75	NO	4
SP4821884	MARSHALL SW	CP	8	268	1959						75	NO	4
SP4821885	MARSHALL SW	CP	8	229	1959						75	NO	4
SP4821886	ORLEANS SW	CP	8	148	1959						75	NO	4
SP4821887	HILLCREST SW	CP	8	166	1955						75	NO	4
SP4821888	DOVE SW	CP	8	336	1959						75	NO	4
SP4821889	AVERY SW	AC	8	124	1966						75	NO	4
SP4821890	MARSHALL SW	CP	8	325	1959						75	NO	4
SP4821891	MARSHALL SW	CP	8	304	1959						75	NO	4
SP4821892	WARE SW	CP	8	228	1967						75	NO	4
SP4821893	KINGSLEY SW	CP	8	275	1952						75	NO	4
SP4821894	KINGSLEY SW	CP	8	286	1952						75	NO	4
SP4821895	KINGSLEY SW	CP	8	367	1952						75	NO	4
SP4821896	KINGSLEY SW	CP	8	331	1952						75	NO	4
SP4821897	KINGSLEY SW	CP	8	206	1952						75	NO	4
SP4821898	DESALE SW	CP	8	155	1961						75	NO	4
SP4821899	DESALE SW	CP	8	200	1961						75	NO	4
SP4821900	DESALE SW	CP	8	233	1961						75	NO	4
SP4821901	KINGSLEY SW	CP	8	200	1952						75	NO	4
SP4821902	POTTERTON SW	CP	8	125	1958						75	NO	4
SP4821903	MARSHALL SW	UNKNOWN [†]	8	161	1959						UNKNOWN UNKNOWN	4	
SP4821904	KINGSWAY SW	UNKNOWN [†]	8	76	1999						UNKNOWN UNKNOWN	4	
SP4821905	KINGSWAY SW	UNKNOWN [†]	8	131	1999						UNKNOWN UNKNOWN	4	
SP4821906	MARSHALL SW	UNKNOWN [†]	8	127	1959						UNKNOWN UNKNOWN	4	
SP4821907	MEADOW SW	CP	8	319	1954						75	NO	4
SP4821908	MEADOW SW	CP	8	288	1954						75	NO	4
SP4821909	TRUMAN SW	CP	8	250	1958						75	NO	4
SP4821910	TRUMAN SW	CP	8	217	1958						75	NO	4
SP4821911	KBLER SW	CP	8	145	1957						75	NO	4
SP4821912	WARE SW	CP	8	231	1967						75	NO	4



Sanitary Pipe Inventory

4/27/2011

Pipe ID	Road Name	Material	Pipe Size	Length	Year of Street Construction	Needed Repairs List	Trouble Spots List	Rehabilitation Year	Rehabilitation Method	Historic Action	Service Life	Exceeded Condition
SP4821959	WARE	CP	15	110	1967					75	NO	4
SP4821960	LYNN SW	CP	8	375	1959					75	NO	4
SP4821961	YEONAS SW	CP	8	230	1959					75	NO	4
SP4821962	YEONAS SW	CP	8	150	1959					75	NO	4
SP4821963	YEONAS SW	CP	8	185	1959					75	NO	4
SP4821964	LAKWOOD SW	CP	8	154	1959					75	NO	4
SP4821965	LYNN SW	CP	8	150	1959					75	NO	4
SP4821966	AVERY SW	AC	8	387	1966					75	NO	4
SP4821967	ORLEANS SW	CP	8	270	1959					75	NO	4
SP4821968	ORLEANS SW	CP	8	314	1959					75	NO	4
SP4821969	MARSHALL SW	CP	8	250	1959					75	NO	4
SP4821970	MARSHALL SW	CP	8	125	1959					75	NO	4
SP4821971	MARSHALL SW	CP	8	264	1959					75	NO	4
SP4821972	MARSHALL SW	CP	8	385	1959					75	NO	4
SP4821973	KINGSLEY SW	CP	8	358	1952					75	NO	4
SP4821974	KINGSLEY SW	CP	8	325	1952					75	NO	4
SP4821975	FREDERICK SW	CP	8	299	1955					75	NO	4
SP4821976	YEONAS SW	CP	8	325	1959					75	NO	4
SP4821977	YEONAS SW	CP	8	159	1959					75	NO	4
SP4821978	ROSS SW	CP	8	164	1960					75	NO	4
SP4821979	ROSS	CP	10	263	1960					75	NO	2
SP4821980	ROSS SW	CP	8	161	1960					75	NO	4
SP4821981	ROSS SW	CP	8	175	1960					75	NO	4
SP4821982	YEONAS SE	CP	8	300	1959					75	NO	4
SP4821983	ROSS SW	CP	8	165	1960					75	NO	4
SP4821984	ROSS SW	CP	8	182	1960					75	NO	4
SP4821985	ROSS SW	CP	8	299	1960					75	NO	4
SP4821986	COTTAGE SW	CP	8	200	1962					75	NO	4
SP4821987	JAMES SW	CP	8	135	1985					75	NO	4
SP4821988	COTTAGE SW	CP	8	150	1962					75	NO	4
SP4821989	ROSS SW	CP	8	168	1960					75	NO	4
SP4821990	ROSS SW	CP	8	151	1960					75	NO	4
SP4821991	ROSS SW	CP	8	225	1960					75	NO	4
SP4821992	ROSS SW	CP	8	225	1960					75	NO	4
SP4821993	ROSS SW	CP	8	300	1960					75	NO	4
SP4821994	ROSS SW	CP	8	150	1960					75	NO	4
SP4821995	ROSS SW	CP	8	265	1960					100	NO	4
SP4821996	WALKER SW	CP	8	124	1959					75	NO	4
SP4821997	WARE	CP	8	275	1967					75	NO	4
SP4821998	WARE	CP	8	104	1967					75	NO	4
SP4821999	WALKER	CP	12	169	1959					75	NO	4
SP4822000	WALKER	CP	12	180	1959					75	NO	4
SP4822001	WALKER	CP	12	80	1959					75	NO	4
SP4822002	KELLEY SW	CP	8	140	1960					75	NO	4
SP4822003	KELLEY SW	CP	8	285	1960					75	NO	4

Back-up Roots



Sanitary Pipe Inventory

4/27/2011

Pipe ID	Road Name	Material	Pipe Size	Length	Year of Street Construction	Needed Repairs List	Trouble Spots List	Rehabilitation Year	Rehabilitation Method	Historic Action	Service Life	Exceeded Condition
SP4911315	ROSS SW	CP	8	108	1960						75	NO 4
SP4911316	GEORGE SW	CP	8	344	1961						75	NO 4
SP4911317	COTTAGE SW	CP	8	210	1962						75	NO 4
SP4911318	COTTAGE SW	CP	8	236	1962						75	NO 4
SP4911319	COTTAGE	CP	8	210	1962						75	NO 4
SP4911320	GEORGE SW	CP	8	96	1961						75	NO 4
SP4911321	PATRICK SW	CP	8	360	1987						75	NO 4
SP4911322	PATRICK SW	CP	8	350	1987						75	NO 4
SP4911323	PATRICK SW	CP	8	363	1987						75	NO 4
SP4911324	CASMAR SW	CP	8	184	2003						75	NO 4
SP4911325	PATRICK SW	CP	8	212	1987						75	NO 4
SP4911326	PATRICK SW	CP	8	197	1987						75	NO 4
SP4911327	DESALE SW	CP	8	174	1961						75	NO 4
SP4911328	DESALE SE	CP	8	188	1961						75	NO 4
SP4911329	DESALE SW	CP	8	212	1961						75	NO 4
SP4911330	DESALE SW	CP	8	324	1961						75	NO 4
SP4911331	PATRICK SE	CP	8	387	1987						75	NO 4
SP4911332	PATRICK SE	CP	8	155	1987						75	NO 4
SP4911333	PATRICK SE	CP	8	55	1987						75	NO 4
SP4911334	PATRICK SE	CP	8	98	1987						75	NO 4
SP4911335	PATRICK	CP	8	135	1987						75	NO 4
SP4911336	PATRICK	CP	8	367	1987						75	NO 4
SP4911337	PARK	CP	8	85	1982						75	NO 4
SP4911338	PATRICK SE	CP	8	293	1987						75	NO 4
SP4911339	PATRICK SE	CP	8	207	1987						75	NO 4
SP4911340	PARK SE	CP	8	199	1982						75	NO 4
SP4911341	PARK	CP	8	210	1982						75	NO 4
SP4911342	PARK	CP	8	99	1982						75	NO 4
SP4911343	CASMAR SE	CP	8	125	2003						75	NO 4
SP4911344	FARDALE SE	CP	8	125	1983						75	NO 4
SP4911346	CASMAR SE	CP	8	260	2003						75	NO 4
SP4911347	CASMAR SE	CP	8	262	2003						75	NO 4
SP4911348	CASMAR SE	CP	8	290	2003						75	NO 4
SP4911349	CASMAR SE	CP	8	200	2003						75	NO 4
SP4911351	PATRICK	CP	8	114	1987						75	NO 4
SP4911352	PATRICK	CP	8	335	1987						75	NO 4
SP4911353	PATRICK	CP	8	135	1987						75	NO 4
SP4911354	CEDAR	CP	8	120	1966						75	NO 4
SP4911355	CEDAR	CP	8	115	1966						75	NO 4
SP4911356	CEDAR	CP	8	245	1966						75	NO 4
SP4911357	OCCIDENTAL	CP	8	357	1961						75	NO 4
SP4911358	OCCIDENTAL	CP	8	205	1961						75	NO 4
SP4911359	OCCIDENTAL	CP	8	376	1961						75	NO 4
SP4911360	OCCIDENTAL	CP	8	275	1961						75	NO 4
SP4911361	DEFUAL	CP	8	281	1961						75	NO 4



Appendix F – Water and Sewer CIP Exhibits



Appendix A.6 – Sanitary Manhole Inventory

Asset ID	Road Name	Material	Year of Construction	Rehabilitation Year	Rehabilitation Method	Historic Action	Service Life	Exceeded Condition
SM193019	WOLFTRAP CRK	CON	1974			50	NO	2
SM193020	WOLFTRAP CRK	CON	1974			50	NO	2
SM272015	PINEY BRANCH CRK	CON	UNKNOWN			50	UNKNOWN	UNKNOWN
SM272016	PINEY BRANCH CRK	CON	UNKNOWN			50	UNKNOWN	UNKNOWN
SM272017	DIFFICULT RUN	CON	1971			50	NO	2
SM272018	DIFFICULT RUN	CON	1971			50	NO	2
SM272019	DIFFICULT RUN	CON	1971			50	NO	2
SM272020	DIFFICULT RUN	CON	1971			50	NO	2
SM272021	DIFFICULT RUN	CON	1971			50	NO	2
SM272022	DIFFICULT RUN	CON	1971			50	NO	2
SM272023	DIFFICULT RUN	CON	1971			50	NO	2
SM272024	DIFFICULT RUN	CON	1971			50	NO	2
SM274012	PINEY BRANCH CRK	CON	UNKNOWN			50	UNKNOWN	UNKNOWN
SM274013	PINEY BRANCH CRK	CON	UNKNOWN			50	UNKNOWN	UNKNOWN
SM274014	PINEY BRANCH CRK	CON	UNKNOWN			50	UNKNOWN	UNKNOWN
SM281022	WOLFTRAP CRK	CON	1974			50	NO	2
SM281023	WOLFTRAP CRK	CON	1974			50	NO	2
SM281024	WOLFTRAP CRK	CON	1974			50	NO	2
SM282001	WOLFTRAP CRK	CON	1974			50	NO	2
SM282002	WOLFTRAP CRK	CON	1974			50	NO	2
SM282003	WOLFTRAP CRK	CON	1974			50	NO	2
SM282004	WOLFTRAP CRK	CON	1974			50	NO	2
SM282005	WOLFTRAP CRK	CON	1974			50	NO	2
SM282006	WOLFTRAP CRK	CON	1974			50	NO	2
SM282007	WOLFTRAP CRK	CON	1974			50	NO	2
SM282008	WOLFTRAP CRK	CON	1974			50	NO	2
SM282009	WOLFTRAP CRK	CON	1974			50	NO	2
SM282010	WOLFTRAP CRK	CON	1974			50	NO	2
SM282011	WOLFTRAP CRK	CON	1974			50	NO	2
SM282012	WOLFTRAP CRK	CON	1974			50	NO	2
SM282013	WOLFTRAP CRK	CON	1974			50	NO	2
SM282014	WOLFTRAP CRK	CON	1974			50	NO	2
SM282015	WOLFTRAP CRK	CON	1974			50	NO	2
SM282016	WOLFTRAP CRK	CON	1974			50	NO	2
SM282017	WOLFTRAP CRK	CON	1974			50	NO	2

Asset ID	Road Name	Material	Year of Street Construction	Rehabilitation Year	Rehabilitation Method	Action	Historic Life	Service Life	Exceeded Condition
SM284022	CREEK CROSSING RD	CON	1975			50	NO	2	
SM284023	CREEK CROSSING RD	CON	1975			50	NO	2	
SM284024	WESTWOOD DR, NE	CON	1971			50	NO	2	
SM284025	WESTWOOD DR, NE	CON	1971			50	NO	2	
SM284026	DEVONSHIRE DR, NE	CON	1965			50	NO	2	
SM284027	DEVONSHIRE DR, NE	UNKNOWN	1965			50	NO	2	
SM284028	WESTWOOD DR, NE	CON	1971			50	NO	2	
SM284029	WESTWOOD DR, NE	CON	1971			50	NO	2	
SM284030	FAIRWAY DR, NE	BRK	1971			50	NO	2	
SM284031	FAIRWAY DR, NE	CON	1971			50	NO	2	
SM284032	FAIRWAY DR, NE	BRK	1971			50	NO	2	
SM284033	FAIRWAY DR, NE	CON	1971			50	NO	2	
SM284034	FAIRWAY DR, NE	CON	1971			50	NO	2	
SM284035	FAIRWAY DR, NE	CON	1971			50	NO	2	
SM284036	FAIRWAY DR, NE	CON	1971			50	NO	2	
SM284037	FAIRWAY DR, NE	BRK	1971			50	NO	2	
SM284038	FAIRWAY DR, NE	BRK	1971			50	NO	2	
SM284040	FAIRWAY DR, NE	BRK	1971			50	NO	2	
SM284041	FAIRWAY DR, NE	BRK	1971			50	NO	2	
SM284042	FAIRWAY DR, NE	BRK	1971			50	NO	2	
SM284043	FAIRWAY DR, NE	BRK	1971			50	NO	2	
SM284045	WOODNOR DR, NE	CON	1971			50	NO	2	
SM284046	WOODNOR DR, NE	CON	1971			50	NO	2	
SM284047	CREEK CROSSING RD	BRK	1975			50	NO	2	
SM284048	CREEK CROSSING RD	BRK	1975			50	NO	2	
SM284049	FOXSTONE DR	BRK	1969			50	NO	2	
SM284050	WOLFTRAP CRK	CON	1974			50	NO	2	
SM284050A	WOLFTRAP CRK	CON	1974			50	NO	2	
SM284051	WOLFTRAP CRK	CON	1974			50	NO	2	
SM284052	WOLFTRAP CRK	CON	1974			50	NO	2	
SM284053	WOLFTRAP CRK	CON	1974			50	NO	2	
SM284054	WOLFTRAP CRK	CON	1974			50	NO	2	
SM284055	WOLFTRAP CRK	CON	1974			50	NO	2	
SM284056	WOLFTRAP CRK	CON	1974			50	NO	2	
SM284056A	WOLFTRAP CRK	CON	1974			50	NO	2	

Asset ID	Road Name	Material	Year of Street Construction	Rehabilitation Year	Rehabilitation Method	Historic Action	Service Life	Exceeded Service Life	Condition
SM381009	MILL ST, NE	BRK	1970				50	NO	2
SM381010	MILL ST, NE	CON	1970				50	NO	2
SM381011	MILL ST, NE	CON	1970				50	NO	2
SM381012	CENTER ST, N	CON	1966				50	NO	2
SM381013	CENTER ST, N	CON	1966				50	NO	2
SM381014	CENTER ST, N	CON	1966				50	NO	2
SM381015	JOHN MARSHALL DR, NW	CON	1968				50	NO	2
SM381016	JOHN MARSHALL DR, NW	CON	1968				50	NO	2
SM381017	HOLMES DR, NW	CON	1954				50	YES	1
SM381018	HOLMES DR, NW	CON	1954				50	YES	1
SM381019	JOHN MARSHALL DR, NW	BRK	1968				50	NO	2
SM381020	JOHN MARSHALL DR, NW	BRK	1968				50	NO	2
SM381021	HOLMES DR, NW	BRK	1954				50	YES	1
SM381022	HOLMES DR, NW	BRK	1954				50	YES	1
SM381023	HOLMES DR, NW	BRK	1954				50	YES	1
SM381024	HOLMES DR, NW	BRK	1954				50	YES	1
SM381025	TAZEWELL RD, NW	BRK	1955				50	YES	1
SM381026	TAZEWELL RD, NW	BRK	1955				50	YES	1
SM381027	CENTER ST, N	CON	1966				50	NO	2
SM381028	CENTER ST, N	CON	1966				50	NO	2
SM381029	CENTER ST, N	CON	1966				50	NO	2
SM381030	CENTER ST, N	CON	1966				50	NO	2
SM381031	CENTER ST, N	CON	1966				50	NO	2
SM381032	CENTER ST, N	CON	1966				50	NO	2
SM381033	CENTER ST, N	CON	1966				50	NO	2
SM381034	CENTER ST, N	CON	1966				50	NO	2
SM381035	UPHAM PL, NW	CON	1958				50	YES	1
SM381036	UPHAM PL, NW	CON	1958				50	YES	1
SM381037	UPHAM PL, NW	CON	1958				50	YES	1
SM381038	UPHAM PL, NW	CON	1958				50	YES	1
SM381039	UPHAM PL, NW	CON	1958				50	YES	1
SM381040	UPHAM PL, NW	CON	1958				50	YES	1
SM381041	HERITAGE LA, NW	CON	1966				50	NO	2
SM381042	HERITAGE LA, NW	CON	1966				50	NO	2
SM381043	HERITAGE LA, NW	CON	1966				50	NO	2

Sanitary Manhole Inventory

4/27/2011

Asset ID	Road Name	Material	Year of Construction	Rehabilitation Year	Rehabilitation Method	Historic Action	Service Life	Exceeded Service Life	Condition
SM381078	HOLMES CT, NW	CON	1954			50	YES	1	
SM381079	HOLMES CT, NW	CON	1954			50	YES	1	
SM381080	HOLMES CT, NW	CON	1954			50	YES	1	
SM381081	HOLMES CT, NW	BRK	1954			50	YES	1	
SM381082	LAWYERS RD, NW	BRK	1958			50	YES	1	
SM381083	HOLMES DR, NW	BRK	1954			50	YES	1	
SM381083A	HOLMES DR, NW	BRK	1954			50	YES	1	
SM381084	HOLMES DR, NW	BRK	1954			50	YES	1	
SM381085	HOLMES DR, NW	BRK	1954			50	YES	1	
SM381090	MALCOLM RD, NW	CON	1969			50	NO	2	
SM381091	LEWIS ST, NW	BRK	1934			50	YES	1	
SM381092	MALCOLM RD, NW	CON	1969			50	NO	2	
SM381093	MALCOLM RD, NW	CON	1969			50	NO	2	
SM381094	COLIN LA, NW	CON	1962			50	NO	2	
SM381095	COLIN LA, NW	CON	1962			50	NO	2	
SM381099	WOODLAND CT, NW	CON	1963			50	NO	2	
SM381099A	WOODLAND CT, NW	CON	1963			50	NO	2	
SM381100	LINCOLN ST, NW	BRK	1978			50	NO	3	
SM381101	LINCOLN ST, NW	BRK	1978			50	NO	3	
SM381102	LINCOLN ST, NW	BRK	1978			50	NO	3	
SM381108	RHAPSODY DR	BRK	1972			50	NO	2	
SM381109	RHAPSODY DR	CON	1972			50	NO	2	
SM381110	DIFFICULT RUN	CON	1971			50	NO	2	
SM381111	BLAIR RD, NW	CON	1979			50	NO	3	
SM381112	BLAIR RD, NW	CON	1979			50	NO	3	
SM381113	BRUTON PL	CON	1971			50	NO	2	
SM381114	BRUTON PL	CON	1971			50	NO	2	
SM381115	BLAIR RD, NW	CON	1979			50	NO	3	
SM381116	BLAIR RD, NW	CON	1979			50	NO	3	
SM381116A	WOODLAND CT, NW	CON	1963			50	NO	2	
SM381117	WOODLAND CT, NW	CON	1963			50	NO	2	
SM381118	WOODLAND CT, NW	CON	1963			50	NO	2	
SM381119	WOODLAND CT, NW	CON	1963			50	NO	2	
SM381120	VICTORIA CT, NW	CON	1967			50	NO	2	
SM381121	VICTORIA CT, NW	CON	1967			50	NO	2	

Sanitary Manhole Inventory

4/27/2011

Asset ID	Road Name	Material	Construction Year	Rehabilitation Year	Historic Method	Action	Service Life	Exceeded Condition
SM381161	PINEY BRANCH CRK	CON	UNKNOWN	UNKNOWN	UNKNOWN	50	UNKNOWN	UNKNOWN
SM381162	PINEY BRANCH CRK	CON	UNKNOWN	UNKNOWN	UNKNOWN	50	UNKNOWN	UNKNOWN
SM381163	PINEY BRANCH CRK	CON	UNKNOWN	UNKNOWN	UNKNOWN	50	UNKNOWN	UNKNOWN
SM381164	PINEY BRANCH CRK	CON	UNKNOWN	UNKNOWN	UNKNOWN	50	UNKNOWN	UNKNOWN
SM381165	PINEY BRANCH CRK	CON	UNKNOWN	UNKNOWN	UNKNOWN	50	UNKNOWN	UNKNOWN
SM381166	PINEY BRANCH CRK	CON	UNKNOWN	UNKNOWN	UNKNOWN	50	UNKNOWN	UNKNOWN
SM381167	PINEY BRANCH CRK	CON	UNKNOWN	UNKNOWN	UNKNOWN	50	UNKNOWN	UNKNOWN
SM381168	PINEY BRANCH CRK	CON	UNKNOWN	UNKNOWN	UNKNOWN	50	UNKNOWN	UNKNOWN
SM381327	WEST ST, NW	CON	1989	NO	NO	50	NO	3
SM381328	WINDOVER AVE, NW	CON	1959	50	YES	50	YES	1
SM381347	SHARON LA, NW	BRK	1963	50	NO	50	NO	2
SM381382	RIDGEWOOD CT, NE	CON	1988	50	NO	50	NO	3
SM381383	MILL ST EXTENDED SECTION	CON	1970	50	NO	50	NO	2
SM381384	HOLMES DR, NW	BRK	1954	50	YES	50	YES	1
SM381385	BLAIR CT, NW	CON	1979	50	NO	50	NO	3
SM381386	BLAIR CT, NW	CON	1979	50	NO	50	NO	3
SM381387	BRENTWOOD CT, NW	CON	1993	50	NO	50	NO	3
SM381388	BLAIR CT, NW	CON	1979	50	NO	50	NO	3
SM381389	BLAIR CT, NW	CON	1979	50	NO	50	NO	3
SM381390	BLAIR CT, NW	CON	1979	50	NO	50	NO	3
SM381391	SHEPHERDSON LA, NE	COM	1999	50	NO	50	NO	4
SM381392	SHEPHERDSON LA, NE	CON	1999	50	NO	50	NO	4
SM381393	SHEPHERDSON LA, NE	CON	1999	50	NO	50	NO	4
SM382001	BROADLEAF DR, NE	CON	1965	50	NO	50	NO	2
SM382002	BEULAH RD, NE	CON	1988	50	NO	50	NO	3
SM382003	MILL ST EXTENDED SECTION	CON	1970	50	NO	50	NO	2
SM382004	PARK ST, NE	CON	1982	50	NO	50	NO	3
SM382005	PARK ST, NE	CON	1982	50	NO	50	NO	3
SM382006	PARK ST, NE	CON	1982	50	NO	50	NO	3
SM382007	MILL ST EXTENDED SECTION	BRK	1970	50	NO	50	NO	2
SM382008	MILL ST, NE	CON	1965	50	NO	50	NO	2
SM382011	BROADLEAF DR, NE	CON	1965	50	NO	50	NO	2
SM382012	BROADLEAF DR, NE	CON	1965	50	NO	50	NO	2
SM382013	BROADLEAF DR, NE	CON	1965	50	NO	50	NO	2
SM382014	EDWIN LA, NE	CON	1965	50	NO	50	NO	2



Sanitary Manhole Inventory

4/27/2011

Asset ID	Road Name	Material	Construction Year	Rehabilitation Year	Rehabilitation Method	Historic Action	Service Life	Exceeded Service Life	Condition
SM382051	CYNTHIA LA, NE	CON	1968			50	NO	2	
SM382052	CYNTHIA LA, NE	CON	1968			50	NO	2	
SM382053	CYNTHIA LA, NE	CON	1968			50	NO	2	
SM382054	DRUID HILL RD	BRK	1973			50	NO	2	
SM382055	DRUID HILL RD	BRK	1973			50	NO	2	
SM382056	DRUID HILL RD	BRK	1973			50	NO	2	
SM382057	DRUID HILL RD, NE	BRK	1973			50	NO	2	
SM382058	DRUID HILL RD, NE	BRK	1973			50	NO	2	
SM382059	DRUID HILL RD, NE	BRK	1973			50	NO	2	
SM382060	NELSON DR, NE	BRK	1954			50	YES	1	
SM382061	NELSON DR, NE	BRK	1954			50	YES	1	
SM382062	NELSON DR, NE	BRK	1954			50	YES	1	
SM382063	NELSON DR, NE	BRK	1954			50	YES	1	
SM382064	NELSON DR	BRK	1954			50	YES	1	
SM382065	NELSON DR, NE	BRK	1954			50	YES	1	
SM382066	CREEK CROSSING RD, NE	BRK	1975			50	NO	2	
SM382067	CREEK CROSSING RD, NE	BRK	1975			50	NO	2	
SM382068	CREEK CROSSING RD, NE	BRK	1975			50	NO	2	
SM382069	CREEK CROSSING RD	BRK	1975			50	NO	2	
SM382070	NELSON DR	BRK	1954			50	YES	1	
SM382071	EAST ST	BRK	1966			50	NO	2	
SM382072	EAST ST	BRK	1966			50	NO	2	
SM382073	DRUID HILL RD	BRK	1973			50	NO	2	
SM382074	DRUID HILL RD	BRK	1973			50	NO	2	
SM382075	DRUID HILL RD	BRK	1973			50	NO	2	
SM382076	EAST ST	BRK	1966			50	NO	2	
SM382077	WOLFRAP CRK	CON	1974			50	NO	2	
SM382077A	CREEK CROSSING RD, NE	BRK	1975			50	NO	2	
SM382078	LYNNHILL CT, NE	CON	1971			50	NO	2	
SM382079	LYNNHILL CT, NE	CON	1971			50	NO	2	
SM382080	FAIRWAY DR, NE	BRK	1971			50	NO	2	
SM382080A	CREEK CROSSING RD	BRK	1975			50	NO	2	
SM382081	FAIRWAY DR, NE	BRK	1971			50	NO	2	
SM382082	FAIRWAY DR, NE	BRK	1971			50	NO	2	
SM382083	FAIRWAY DR, NE	BRK	1971			50	NO	2	

Sanitary Manhole Inventory

4/27/2011

Asset ID	Road Name	Material	Year of Street Construction	Rehabilitation Year	Rehabilitation Method	Historic Action	Service Life	Exceeded Condition
SM382120	AYR HILL AVE, NE	BRK	UNKNOWN				50	UNKNOWN UNKNOWN
SM382121	AYR HILL AVE, NE	BRK	UNKNOWN				50	UNKNOWN UNKNOWN
SM382122	WOLFRAP CRK, NE	BRK	1974				50	NO
SM382123	WOLFRAP CRK, NE	BRK	1974				50	NO
SM382124	CHURCH ST, NE	BRK	1960				50	YES
SM382125	CHURCH ST, NE	BRK	1960				50	YES
SM382126	EAST ST, NE	CON	1966				50	NO
SM382127	EAST ST, NE	CON	1966				50	NO
SM382128	EAST ST, NE	CON	1966				50	NO
SM382129	EAST ST, NE	CON	1966				50	NO
SM382130	COUNCIL CT, NE	CON	1982				50	NO
SM382131	COUNCIL CT, NE	CON	1982				50	NO
SM382132	EAST ST, NE	CON	1966				50	NO
SM382133	EAST ST, NE	CON	1966				50	NO
SM382134	EAST ST, NE	CON	1966				50	NO
SM382135	EAST ST, NE	CON	1966				50	NO
SM382137	GLYNDON ST, NE	BRK	1935				50	YES
SM382138	JOHN MARSHALL DR, NE	BRK	1968				50	NO
SM382139	MAC ARTHUR AVE, NE	BRK	1962				50	NO
SM382140	JOHN MARSHALL DR, NE	BRK	1968				50	NO
SM382141	MAC ARTHUR AVE, NE	BRK	1962				50	NO
SM382142	ROOSEVELT CT, NE	BRK	1960				50	YES
SM382144	EAST ST, NE	CON	1966				50	NO
SM382145	EAST ST, NE	CON	1966				50	NO
SM382146	EAST ST, NE	CON	1966				50	NO
SM382147	MAPLE AVE, E	BRK	1960				50	YES
SM382148	MAPLE AVE, E	BRK	1960				50	YES
SM382149	MAPLE AVE, E	BRK	1960				50	YES
SM382150	MAPLE AVE, E	BRK	1960				50	YES
SM382150A	MAPLE AVE, E	BRK	1960				50	YES
SM382151	MAPLE AVE, E	BRK	1960				50	YES
SM382152	MAPLE AVE, E	BRK	1960				50	YES
SM382153	MAPLE AVE, E	BRK	1960				50	YES
SM382154	MAPLE AVE, E	BRK	1960				50	YES
SM382156	MAPLE AVE, E	BRK	1960				50	YES

Asset ID	Road Name	Material	Year of Street Construction	Rehabilitation Year	Rehabilitation Method	Historic Action	Service Life	Exceeded Service Life Condition
SM382199	ORRIN ST, SE	BRK	1956			50	YES	1
SM382200	ORRIN ST, SE	BRK	1956			50	YES	1
SM382201	ORRIN ST, SE	BRK	1956			50	YES	1
SM382202	DELANO DR, SE	BRK	1956			50	YES	1
SM382203	DELANO DR, SE	BRK	1956			50	YES	1
SM382204	DELANO DR, SE	BRK	1956			50	YES	1
SM382205	ALMA ST, SE	BRK	1956			50	YES	1
SM382206	DELANO DR, SE	BRK	1956			50	YES	1
SM382207	ECHOES ST, SE	BRK	1981			50	NO	3
SM382208	ECHOES ST, SE	BRK	1981			50	NO	3
SM382209	ECHOES ST, SE	BRK	1981			50	NO	3
SM382210	WOLFTRAP CRK, SE	BRK	1974			50	NO	2
SM382211	WOLFTRAP CRK, SE	BRK	1974			50	NO	2
SM382212	BRANCH RD, SE	BRK	1956			50	YES	1
SM382213	BRANCH RD, SE	BRK	1956			50	YES	1
SM382215	BRANCH RD, SE	BRK	1956			50	YES	1
SM382216	CABIN RD, SE	BRK	1956			50	YES	1
SM382218	BRANCH RD, SE	BRK	1956			50	YES	1
SM382219	BRANCH RD, SE	BRK	1956			50	YES	1
SM382220	CHARLES ST, SE	BRK	1955			50	YES	1
SM382221	CHARLES ST, SE	BRK	1955			50	YES	1
SM382222	CHARLES ST, SE	BRK	1955			50	YES	1
SM382223	CHARLES ST, SE	BRK	1955			50	YES	1
SM382224	LOCUST ST, SE	BRK	1973			50	NO	2
SM382224A	LOCUST ST, SE	BRK	1973			50	NO	2
SM382225	BRANCH RD, SE	BRK	1956			50	YES	1
SM382226	BRANCH RD, SE	BRK	1956			50	YES	1
SM382228	MAPLE AVE, E	BRK	1960			50	YES	1
SM382229	MAPLE AVE, E	BRK	1960			50	YES	1
SM382230	WOLFTRAP CRK, SE	BRK	1974			50	NO	2
SM382231	WOLFTRAP CRK, SE	BRK	1974			50	NO	2
SM382232	HINE ST, SE	BRK	1958			50	YES	1
SM382233	WOLFTRAP CRK, SE	BRK	1974			50	NO	2
SM382234	WOLFTRAP CRK, SE	BRK	1974			50	NO	2
SM382235	WELLES ST, SE	BRK	1957			50	YES	1

Sanitary Manhole Inventory

Asset ID	Road Name	Material	Construction Year	Rehabilitation Year	Rehabilitation Method	Historic Action	Service Life	Exceeded Service Life	Condition
SM382269A	PARK ST, SE	CON	1982				50	NO	3
SM382271	LOCUST ST, SE	BRK	1973				50	NO	2
SM382272	GLYNDON ST, SE	BRK	1935				50	YES	1
SM382273	PARK ST, NE	BRK	1982				50	NO	3
SM382274	MAPLE AVE, E	BRK	1960				50	YES	1
SM382275	MILL ST, NE	BRK	1970				50	NO	2
SM382275A	MILL ST, NE	CON	1970				50	NO	2
SM382276	CHURCH ST, NE	BRK	1960				50	YES	1
SM382277	CHURCH ST, NE	BRK	1960				50	YES	1
SM382277A	CHURCH ST, NE	BRK	1960				50	YES	1
SM382278	CHURCH ST, NE	BRK	1960				50	YES	1
SM382279	CHURCH ST, NE	BRK	1960				50	YES	1
SM382280	MILL ST, NE	BRK	1970				50	NO	2
SM382281	AYR HILL AVE, NE	BRK	UNKNOWN				50	UNKNOWN	UNKNOWN
SM382282	AYR HILL AVE, NE	BRK	UNKNOWN				50	UNKNOWN	UNKNOWN
SM382283	AYR HILL AVE, NE	BRK	UNKNOWN				50	UNKNOWN	UNKNOWN
SM382284	PARK ST, NE	BRK	1982				50	NO	3
SM382285	PARK ST, NE	BRK	1982				50	NO	3
SM382286	AYR HILL AVE, NE	BRK	UNKNOWN				50	UNKNOWN	UNKNOWN
SM382287	PARK ST, NE	BRK	1982				50	NO	3
SM382288	AYR HILL AVE, NE	BRK	UNKNOWN				50	UNKNOWN	UNKNOWN
SM382289	GLYNDON ST, NE	BRK	1935				50	YES	1
SM382290	GLYNDON ST, NE	BRK	1935				50	YES	1
SM382291	GLYNDON ST, NE	BRK	1935				50	YES	1
SM382292	GLYNDON ST, NE	BRK	1935				50	YES	1
SM382293	GLYNDON ST, NE	BRK	1935				50	YES	1
SM382294	GLYNDON PARK	BRK	1935				50	YES	1
SM382295	GLYNDON PARK	BRK	1935				50	YES	1
SM382296	SHERWOOD DR, NE	BRK	1960				50	YES	1
SM382297	SHERWOOD DR, NE	BRK	1960				50	YES	1
SM382298	BEULAH RD, NE	BRK	1988				50	NO	3
SM382299	BEULAH RD, NE	BRK	1988				50	NO	3
SM382299A	BEULAH RD, NE	CON	1988				50	NO	3
SM382299B	CREEK CROSSING RD, NE	CON	1975				50	NO	2
SM382300	BEULAH RD, NE	BRK	1988				50	NO	3

Asset ID	Road Name	Material	Year of Construction	Rehabilitation Year	Rehabilitation Method	Historic Action	Service Life	Exceeded Condition
SM382334	MILL ST, NE	BRK	1970			50	NO	2
SM382335	MILL ST, NE	CON	1970			50	NO	2
SM382336	DOMINION RD, NE	BRK	1967			50	NO	2
SM382337	CENTER ST, N	CON	1966			50	NO	2
SM382338	CENTER ST, N	CON	1966			50	NO	2
SM382339	CENTER ST, N	CON	1966			50	NO	2
SM382340	CENTER ST, N	CON	1966			50	NO	2
SM382341	CENTER ST, N	CON	1966			50	NO	2
SM382342	CENTER ST, N	CON	1966			50	NO	2
SM382343	CENTER ST, N	BRK	1966			50	NO	2
SM382344	CENTER ST, N	BRK	1966			50	NO	2
SM382345	CENTER ST, N	BRK	1966			50	NO	2
SM382346	SHARON LA, NW	CON	1963			50	NO	2
SM382348	SHARON LA, NW	CON	1963			50	NO	2
SM382349	CENTER ST, N	BRK	1966			50	NO	2
SM382350	CENTER ST, N	BRK	1966			50	NO	2
SM382351	CENTER ST, N	BRK	1966			50	NO	2
SM382352	AYR HILL AVE, NW	BRK				50	NO	2
SM382353	AYR HILL AVE, NE	BRK				50	NO	2
SM382354	DOMINION RD, NE	BRK	1967			50	NO	2
SM382355	AYR HILL AVE, NE	BRK				50	NO	2
SM382356	DOMINION RD, NE	BRK	1967			50	NO	2
SM382357	DOMINION RD, NE	BRK	1967			50	NO	2
SM382358	CHURCH ST, NE	BRK	1960			50	YES	1
SM382359	CENTER ST, N	BRK	1966			50	NO	2
SM382360	WOLFTRAP CRK	BRK	1974			50	NO	2
SM382361	WOLFTRAP CRK	BRK	1974			50	NO	2
SM382362	WOLFTRAP CRK	BRK	1974			50	NO	2
SM382363	WOLFTRAP CRK	BRK	1974			50	NO	2
SM382364	DRUID HILL RD, NE	BRK	1973			50	NO	2
SM382365	NELSON DR	BRK	1954			50	YES	1
SM382366	GLYNDON ST, NE	BRK	1935			50	YES	1
SM382367	PARK ST, NE	BRK	1982			50	NO	3
SM382368	CENTER ST, N	CON	1966			50	NO	2
SM382369	CENTER ST, N	CON	1966			50	NO	2

Sanitary Manhole Inventory

4/27/2011

Asset ID	Road Name	Material	Construction Year	Rehabilitation Year	Rehabilitation Method	Historic Action	Service Life	Exceeded Condition
SM382MPIT	CREEK CROSSING RD, NE	BRK	1975				50	NO 2
SM383001	RAMBLING RD	BRK	1959				50	YES 1
SM383002	RAMBLING RD	BRK	1959				50	YES 1
SM383003	RAMBLING RD	BRK	1959				50	YES 1
SM383004	RAMBLING RD	BRK	1959				50	YES 1
SM383005	RAMBLING RD	BRK	1959				50	YES 1
SM383006	RAMBLING RD	BRK	1959				50	YES 1
SM383007	RAMBLING RD	BRK	1959				50	YES 1
SM383008	RAMBLING RD	BRK	1959				50	YES 1
SM383009	SUNRISE CT	BRK	1959				50	YES 1
SM383010	RAMBLING RD	BRK	1959				50	YES 1
SM383011	SUNRISE RD	BRK	1959				50	YES 1
SM383012	SUNRISE RD	BRK	1959				50	YES 1
SM383013	SUNRISE RD	BRK	1959				50	YES 1
SM383014	FLINT HILL RD	BRK	1958				50	YES 1
SM383015	FLINT HILL RD	BRK	1958				50	YES 1
SM383016	FLINT HILL RD	BRK	1958				50	YES 1
SM383017	SUNRISE RD	BRK	1959				50	YES 1
SM383018	FLINT HILL RD	BRK	1958				50	YES 1
SM383019	FLINT HILL RD	BRK	1958				50	YES 1
SM383020	FLINT HILL RD	BRK	1958				50	YES 1
SM383021	FLINT HILL RD	BRK	1958				50	YES 1
SM383022	RAMBLING RD	BRK	1959				50	YES 1
SM383023	RAMBLING RD	BRK	1959				50	YES 1
SM383024	FLINT HILL RD	BRK	1958				50	YES 1
SM383025	FLINT HILL RD	BRK	1958				50	YES 1
SM383026	RAMBLING RD	BRK	1959				50	YES 1
SM383027	FLINT HILL RD	BRK	1958				50	YES 1
SM383028	FLINT HILL CT	BRK	1958				50	YES 1
SM383029	FLINT HILL CT	BRK	1958				50	YES 1
SM383030	FLINT HILL CT	BRK	1958				50	YES 1
SM383031	RAMBLING RD	BRK	1959				50	YES 1
SM383032	RAMBLING RD	BRK	1959				50	YES 1
SM383033	RAMBLING RD	BRK	1959				50	YES 1
SM383034	RAMBLING CT	BRK	1959				50	YES 1

Sanitary Manhole Inventory

4/27/2011

Asset ID	Road Name	Material	Construction Year	Rehabilitation Year	Historic Action	Service Life	Exceeded Condition
SM383068	COMMONS DR, NW	CON	1968			50	NO 2
SM383069	NUTLEY ST, NW	BRK	1959			50	YES 1
SM383070	NUTLEY ST, NW	BRK	1959			50	YES 1
SM383071	NUTLEY ST, NW	BRK	1959			50	YES 1
SM383072	NUTLEY ST, NW	BRK	1959			50	YES 1
SM383073	WINDOWOVER AVE, NW	BRK	1959			50	YES 1
SM383074	WINDOWOVER AVE, NW	BRK	1959			50	YES 1
SM383079	NUTLEY ST, NW	BRK	1959			50	YES 1
SM383081	NUTLEY ST, NW	BRK	1959			50	YES 1
SM383082	NUTLEY ST, NW	BRK	1959			50	YES 1
SM383083	NUTLEY ST, NW	BRK	1959			50	YES 1
SM383084	KNOLL ST, NW	BRK	1969			50	NO 2
SM383085	KNOLL ST, NW	BRK	1969			50	NO 2
SM383086	KNOLL ST, NW	BRK	1969			50	NO 2
SM383087	JADE CT, NW	BRK	1969			50	NO 2
SM383087A	KNOLL ST, NW	BRK	1969			50	NO 2
SM383088	WINDOWOVER AVE, NW	BRK	1959			50	YES 1
SM383089	MALCOLM RD, NW	CON	1969			50	NO 2
SM383091	LEWIS ST, NW	BRK	1934			50	YES 1
SM383092	LEWIS ST, NW	BRK	1934			50	YES 1
SM383093	ORCHARD ST, NW	BRK	1990			50	NO 3
SM383094	ORCHARD ST, NW	BRK	1990			50	NO 3
SM383094A	ORCHARD ST, NW	CON	1990			50	NO 3
SM383094B	ORCHARD ST, NW	CON	1990			50	NO 3
SM383095	ORCHARD ST, NW	BRK	1990			50	NO 3
SM383095A	ORCHARD ST, NW	CON	1990			50	NO 3
SM383096	WOODLAND CT, NW	CON	1963			50	NO 2
SM383097	WOODLAND CT, NW	CON	1963			50	NO 2
SM383098	WOODLAND CT, NW	CON	1963			50	NO 2
SM383101	NUTLEY ST, NW	BRK	1959			50	YES 1
SM383102	NUTLEY ST, NW	BRK	1959			50	YES 1
SM383103	HIGHLAND ST, NW	BRK	1954			50	YES 1
SM383104	HIGHLAND ST, NW	BRK	1954			50	YES 1
SM383105	HIGHLAND ST, NW	BRK	1954			50	YES 1
SM383106	PETERSON LANE PARK	BRK	UNKNOWN			50	UNKNOWN UNKNOWN



Town of
Vienna
Virginia

Sanitary Manhole Inventory

4/27/2011

Asset ID	Road Name	Material	Year of Construction	Rehabilitation Year	Rehabilitation Method	Historic Action	Service Life	Exceeded Service Life	Condition
SM383145	LINCOLN ST, NW	BRK	1978				50	NO	3
SM383145A	LINCOLN ST, NW	BRK	1978				50	NO	3
SM383146	LINCOLN ST, NW	BRK	1978				50	NO	3
SM383147	WEST ST, NW	BRK	1989				50	NO	3
SM383147A	WEST ST, NW	CON	1989				50	NO	3
SM383148	WEST ST, NW	BRK	1989				50	NO	3
SM383149	WEST ST, NW	BRK	1989				50	NO	3
SM383150	LEWIS ST, NW	BRK	1934				50	YES	1
SM383151	RHAPSODY DR	BRK	1972				50	NO	2
SM383153	ORCHARD ST, NW	BRK	1990				50	NO	3
SM383154	WINDOWOVER CT, NW	BRK	1959				50	YES	1
SM383155	WINDOWOVER CT, NW	BRK	1959				50	YES	1
SM383156	WEST ST, NW	BRK	1989				50	NO	3
SM383157	WEST ST, NW	BRK	1989				50	NO	3
SM383158	WEST ST, NW	BRK	1989				50	NO	3
SM383159	WEST ST, NW	BRK	1989				50	NO	3
SM383161	WINDOWOVER AVE, NW	BRK	1959				50	YES	1
SM383162	WINDOWOVER AVE, NW	BRK	1959				50	YES	1
SM383163	WALNUT LA, NW	BRK	1954				50	YES	1
SM383164	WINDOWOVER AVE, NW	BRK	1959				50	YES	1
SM383165A	LOVERS LA, NW	BRK	1930				50	YES	1
SM383166	WINDOWOVER AVE, NW	BRK	1959				50	YES	1
SM383167	PEASANT ST, NW	BRK	1952				50	YES	1
SM383169	WINDOWOVER AVE, NW	BRK	1959				50	YES	1
SM383170	WINDOWOVER AVE, NW	BRK	1959				50	YES	1
SM383171	LEWIS ST, NW	BRK	1934				50	YES	1
SM383172	MAPLE AVE, W	BRK	1960				50	YES	1
SM383173	MAPLE AVE, W	BRK	1960				50	YES	1
SM383175	MAPLE AVE, W	BRK	1960				50	YES	1
SM383176	MAPLE AVE, W	BRK	1960				50	YES	1
SM383177	MAPLE AVE, W	BRK	1960				50	YES	1
SM383178	MAPLE AVE, W	BRK	1960				50	YES	1
SM383178P	MAPLE AVE, W	UNKNOWN	1960				50	YES	1
SM383179	NUTLEY ST, NW	BRK	1959				50	YES	1
SM383180	WADE HAMPTON DR, SW	BRK	1900				50	YES	1

Sanitary Manhole Inventory

4/27/2011

Asset ID	Road Name	Material	Year of Construction	Rehabilitation Year	Rehabilitation Method	Historic Action	Service Life	Exceeded Service Life	Condition
SM383220	CAREY LA	BRK	1959			50	YES	1	
SM383221	WEST CT, NW	CON	1989			50	NO	3	
SM383222	WEST CT, NW	CON	1989			50	NO	3	
SM383223	WEST CT, NW	CON	1989			50	NO	3	
SM383224	ORCHARD CT, NW	CON	1990			50	NO	3	
SM383225	ORCHARD CT, NW	CON	1990			50	NO	3	
SM383226	ORCHARD ST, NW	BRK	1990			50	NO	3	
SM383227	CARTER CT, SW	CON	1994			50	NO	3	
SM383228	CARTER CT, SW	CON	1994			50	NO	3	
SM383229	CARTER CT, SW	CON	1994			50	NO	3	
SM383230	ROLAND CT, SW	CON	1994			50	NO	3	
SM383231	CHAINBRIDGE RD	UNKNOWN	1937			50	YES	1	
SM383232	CHAINBRIDGE RD	UNKNOWN	1937			50	YES	1	
SM383233	ROLAND CT, SW	CON	1994			50	NO	3	
SM383234	CARTER'S GLEN CT, SW	CON	1996			50	NO	4	
SM383235	MOOREFIELD RD, SW	CON	1996			50	NO	4	
SM383236	MOOREFIELD RD, SW	CON	1996			50	NO	4	
SM383237	MOOREFIELD RD, SW	CON	1996			50	NO	4	
SM383238	MOOREFIELD RD, SW	CON	1996			50	NO	4	
SM383239	ROLAND ST, SW	CON	1994			50	NO	3	
SM383240	ROLAND ST, SW	CON	1994			50	NO	3	
SM384001	COTTAGE ST, SW	BRK	1962			50	NO	2	
SM384002	COTTAGE ST, SW	BRK	1962			50	NO	2	
SM384003	COTTAGE ST, SW	BRK	1962			50	NO	2	
SM384004	COTTAGE ST, SW	BRK	1962			50	NO	2	
SM384005	COTTAGE ST, SW	BRK	1962			50	NO	2	
SM384006	COTTAGE ST, SW	BRK	1962			50	NO	2	
SM384007	OAK ST, SW	BRK	1970			50	NO	2	
SM384007A	OAK ST, SW	BRK	1970			50	NO	2	
SM384008	OAK ST, SW	BRK	1970			50	NO	2	
SM384009	OAK ST, SW	BRK	1970			50	NO	2	
SM384010	OAK ST, SW	BRK	1970			50	NO	2	
SM384011	BIRCH ST, SW	BRK	1954			50	YES	1	
SM384012	PLUM ST, SW	BRK	1955			50	YES	1	
SM384013	PLUM ST, SW	BRK	1955			50	YES	1	

Sanitary Manhole Inventory

Asset ID	Road Name	Material	Year of Street Construction	Rehabilitation Year	Rehabilitation Method	Historic Action	Service Life	Exceeded Service Life	Condition
SM384047	COTTAGE ST, SW	BRK	1962				50	NO	2
SM384048	COTTAGE ST, SW	BRK	1962				50	NO	2
SM384049	DOGWOOD ST, SW	BRK	1968				50	NO	2
SM384050	DOGWOOD ST, SW	BRK	1968				50	NO	2
SM384051	COTTAGE ST, SW	BRK	1962				50	NO	2
SM384052	CENTER ST, S	BRK	1966				50	NO	2
SM384052A	CENTER ST, S	BRK	1966				50	NO	2
SM384053	CENTER ST, S	BRK	1966				50	NO	2
SM384054	CENTER ST, S	BRK	1966				50	NO	2
SM384055	CENTER ST, S	BRK	1966				50	NO	2
SM384056	CENTER ST, S	BRK	1966				50	NO	2
SM384057	MOORE AVE, SE	BRK	1977				50	NO	2
SM384058	MOORE AVE, SW	BRK	1977				50	NO	2
SM384059	MOORE AVE, SW	BRK	1977				50	NO	2
SM384060	MOORE AVE, SW	BRK	1977				50	NO	2
SM384061	MOORE AVE, SW	BRK	1977				50	NO	2
SM384062	DE SALE ST, SW	BRK	1961				50	NO	1
SM384063	DE SALE ST, SW	BRK	1961				50	NO	1
SM384064	DE SALE ST, SW	BRK	1961				50	NO	1
SM384065	ELMAR DR, SW	BRK	1954				50	YES	1
SM384066	CHARLES CIR, SW	BRK	1955				50	YES	1
SM384067	ELMAR DR, SE	BRK	1954				50	YES	1
SM384068	ELAINE CIR, SE	BRK	1954				50	YES	1
SM384069	ELMAR DR, SE	BRK	1954				50	YES	1
SM384070	ELMAR DR, SE	BRK	1954				50	YES	1
SM384071	ELMAR DR, SE	BRK	1954				50	YES	1
SM384072	MARJORIE LA, SE	BRK	1967				50	NO	2
SM384073	ELMAR DR, SE	BRK	1954				50	YES	1
SM384074	DE SALE ST, SW	BRK	1961				50	NO	1
SM384075	TAPAWINGO RD, SW	BRK	1955				50	YES	1
SM384076	TAPAWINGO RD, SW	BRK	1955				50	YES	1
SM384077	TAPAWINGO RD, SW	BRK	1955				50	YES	1
SM384078	DE SALE ST, SW	BRK	1961				50	NO	1
SM384079	DE SALE ST, SW	BRK	1961				50	NO	1
SM384080	DE SALE ST, SW	BRK	1961				50	NO	1



Town of
Vienna
Virginia

Sanitary Manhole Inventory

4/27/2011

Asset ID	Road Name	Material	Year of Street Construction	Rehabilitation Year	Rehabilitation Method	Historic Action	Service Life	Exceeded Service Life	Condition
SM384116	TAPAWINGO RD, SE	BRK	1955				50	YES	1
SM384117	PARK ST, SE	BRK	1982				50	NO	3
SM384118	PARK ST, SE	BRK	1982				50	NO	3
SM384119	HARMONY DR, SE	BRK	1953				50	YES	1
SM384120	HARMONY DR, SE	BRK	1953				50	YES	1
SM384121	CIRCLE DR, SE	BRK	1951				50	YES	1
SM384122	HARMONY DR, SE	BRK	1953				50	YES	1
SM384122A	ULLABY LA, SE	CON	1952				50	YES	1
SM384123	HARMONY DR, SW	BRK	1953				50	YES	1
SM384124	HARMONY DR, SE	BRK	1953				50	YES	1
SM384125	CUNNINGHAM PARK CT, SE	BRK	1986				50	NO	3
SM384126	CUNNINGHAM PARK CT, SE	BRK	1986				50	NO	3
SM384127	CUNNINGHAM PARK CT, SE	BRK	1986				50	NO	3
SM384128	PARK ST, SE	BRK	1982				50	NO	3
SM384128A	PARK ST, SE	BRK	1982				50	NO	3
SM384129	OWAISSA CT, SE	BRK	1969				50	NO	2
SM384130	OWAISSA CT, SE	BRK	1969				50	NO	2
SM384130A	OWAISSA CT, SE	BRK	1969				50	NO	2
SM384131	OWAISSA CT, SE	BRK	1969				50	NO	2
SM384133	PARK ST, SE	BRK	1982				50	NO	3
SM384135	GLYNDON ST, SE	BRK	1935				50	YES	1
SM384136	TAPAWINGO RD, SE	BRK	1955				50	YES	1
SM384136A	TAPAWINGO RD, SE	BRK	1955				50	YES	1
SM384137	TAPAWINGO RD, SE	BRK	1955				50	YES	1
SM384138	SIOUX CT, SE	BRK	1966				50	NO	2
SM384139	TAPAWINGO RD, SE	BRK	1955				50	YES	1
SM384140	TAPAWINGO RD, SE	BRK	1955				50	YES	1
SM384141	GLYNDON ST, SE	BRK	1935				50	YES	1
SM384142	GLYNDON ST, SE	BRK	1935				50	YES	1
SM384143	GLYNDON ST, SE	BRK	1935				50	YES	1
SM384144	ELMAR DR, SE	BRK	1954				50	YES	1
SM384145	ELMAR DR, SE	BRK	1954				50	YES	1
SM384146	ELMAR DR, SE	BRK	1954				50	YES	1
SM384147	ELMAR DR, SE	BRK	1954				50	YES	1
SM384148	ELMAR DR, SE	BRK	1954				50	YES	1

Asset ID	Road Name	Material	Year of Construction	Rehabilitation Year	Rehabilitation Method	Historic Action	Service Life	Exceeded Condition
SM384183	VALLEY DR, SE	BRK	1956			50	YES	1
SM384184	VALLEY DR, SE	BRK	1956			50	YES	1
SM384185	VALLEY DR, SE	BRK	1956			50	YES	1
SM384186	TOWN PARK, SE	BRK	UNKNOWN			50	UNKNOWN	UNKNOWN
SM384187	FOLLINA, SE	BRK	1990			50	NO	3
SM384189	FELLINI CT, SE	BRK	1977			50	NO	2
SM384190	FELLINI CT, SE	BRK	1977			50	NO	2
SM384191	TROY CT, SE	BRK	1977			50	NO	2
SM384192	BRANCH RD, SE	BRK	1956			50	YES	1
SM384193	GLYNDON ST, SE	BRK	1935			50	YES	1
SM384195	COURTHOUSE RD, SW	BRK	1928			50	YES	1
SM384199	NUTLEY ST, SW	BRK	1959			50	YES	1
SM384200	GLYNDON ST, SE	BRK	1935			50	YES	1
SM384201	TALAHIR RD, SE	BRK	1969			50	NO	2
SM384202	TALAHIR RD, SE	BRK	1969			50	NO	2
SM384203	GLYNDON ST, SE	BRK	1935			50	YES	1
SM384204	GLYNDON ST, SE	BRK	1935			50	YES	1
SM384205	TALAHIR RD, SE	BRK	1969			50	NO	2
SM384206	PARK ST, SE	BRK	1982			50	NO	3
SM384207	MANVELL RD, SE	BRK	1977			50	NO	2
SM384208	MANVELL RD, SE	BRK	1977			50	NO	2
SM384209	PARK ST, SE	BRK	1982			50	NO	3
SM384210	WHISPERING WIND CT, SE	BRK	1977			50	NO	2
SM384211	WHISPERING WIND CT, SE	BRK	1977			50	NO	2
SM384214	BRANCH CIR, SE	BRK	1956			50	YES	1
SM384217	CABIN RD, SE	BRK	1956			50	YES	1
SM384218	PARK ST, SE	BRK	1982			50	NO	3
SM384218A	PARK ST, SE	CON	1982			50	NO	3
SM384219	PARK ST, SE	CON	1982			50	NO	3
SM384219A	PARK ST, SE	CON	1982			50	NO	3
SM384220	PARK ST, SE	CON	1982			50	NO	3
SM384221	PARK ST, SE	CON	1982			50	NO	3
SM384222	PARK ST, SE	BRK	1982			50	NO	3
SM384223	PARK ST, SE	BRK	1982			50	NO	3
SM384224	GLYNDON ST, SE	BRK	1935			50	YES	1

Sanitary Manhole Inventory

4/27/2011

Asset ID	Road Name	Material	Year of Street Construction	Rehabilitation Year	Rehabilitation Method	Historic Action	Service Life	Exceeded Service Life Condition
SM384259	LOCUST ST, SW	BRK	1973				50	NO 2
SM384260	LOCUST ST, SW	BRK	1973				50	NO 2
SM384261	LOCUST ST, SW	BRK	1973				50	NO 2
SM384262	LOCUST ST, SW	BRK	1973				50	NO 2
SM384263	CHERRY ST, SW	BRK	1968				50	NO 2
SM384264	CHERRY ST, SW	BRK	1968				50	NO 2
SM384265	CHERRY ST, SW	BRK	1968				50	NO 2
SM384266	CHERRY ST, SW	BRK	1968				50	NO 2
SM384267	COURTHOUSE RD, SW	BRK	1928				50	YES 1
SM384268	PEASANT ST, SW	BRK	1952				50	YES 1
SM384269	PEASANT ST, SW	BRK	1952				50	YES 1
SM384270	LOCUST ST, SE	BRK	1973				50	NO 2
SM384273	SURVEYORS CT, SW	BRK	1974				50	NO 2
SM384274	COURTHOUSE CIR, SW	BRK	1928				50	YES 1
SM384275	COURTHOUSE CIR, SW	BRK	1928				50	YES 1
SM384276	COURTHOUSE CIR, SW	BRK	1928				50	YES 1
SM384277	COURTHOUSE RD, SW	BRK	1928				50	YES 1
SM384278	COURTHOUSE RD, SW	BRK	1928				50	YES 1
SM384279	COURTHOUSE RD, SW	BRK	1928				50	YES 1
SM384280	COURTHOUSE RD, SW	BRK	1928				50	YES 1
SM384281	COURTHOUSE RD, SW	BRK	1928				50	YES 1
SM384282	GLEN AVE, SW	BRK	1946				50	YES 1
SM384283	JOHNSON ST, SW	BRK	1955				50	YES 1
SM384284	JOHNSON ST, SW	BRK	1955				50	YES 1
SM384285	JOHNSON ST, SW	BRK	1955				50	YES 1
SM384286	JOHNSON ST, SW	BRK	1955				50	YES 1
SM384287	JOHNSON ST, SW	BRK	1955				50	YES 1
SM384288	CERET CT, SW	BRK	1978				50	NO 3
SM384289	CERET CT, SW	BRK	1978				50	NO 3
SM384290	CERET CT, SW	BRK	1978				50	NO 3
SM384291	HILLSIDE CIR, SW	BRK	1956				50	YES 1
SM384292	HILLSIDE CIR, SW	BRK	1956				50	YES 1
SM384293	ALBRECHT CIR, SW	BRK	1953				50	YES 1
SM384294	GLEN AVE, SW	BRK	1946				50	YES 1
SM384294A	GLEN AVE, SW	BRK	1946				50	YES 1

Sanitary Manhole Inventory

4/27/2011

Asset ID	Road Name	Material	Year of Construction	Rehabilitation Year	Rehabilitation Method	Action	Historic Life	Service Life	Exceeded Condition
SM384329	PARK ST, SE	CON	1982			50	NO	NO	3
SM384329A	PARK ST, SE	CON	1982			50	NO	NO	3
SM384330	LOCUST ST, SE	CON	1973			50	NO	NO	2
SM384331	PARK ST, SE	CON	1982			50	NO	NO	3
SM384332	DOMINION RD, SE	BRK	1967			50	NO	NO	2
SM384333	PARK TERRACE CT, SE	BRK	1963			50	NO	NO	2
SM384334	DOMINION RD, SE	BRK	1967			50	NO	NO	2
SM384335	DOMINION RD, SE	BRK	1967			50	NO	NO	2
SM384336	DOMINION RD, SE	BRK	1967			50	NO	NO	2
SM384337	PARK ST, SE	CON	1982			50	NO	NO	3
SM384338	NANTERRY CIR, SW	BRK	1954			50	YES	YES	1
SM384339	MEADOW LA, SW	BRK	1954			50	YES	YES	1
SM384340	FREDERICK ST, SW	BRK	1955			50	YES	YES	1
SM384341	FREDERICK ST, SW	BRK	1955			50	YES	YES	1
SM384342	MEADOW LA, SW	BRK	1954			50	YES	YES	1
SM384343	MEADOW LA, SW	BRK	1954			50	YES	YES	1
SM384344	MEADOW LA, SW	BRK	1954			50	YES	YES	1
SM384345	COURTHOUSE RD, SW	BRK	1928			50	YES	YES	1
SM384346	COURTHOUSE RD, SW	BRK	1928			50	YES	YES	1
SM384347	MEADOW LA, SW	BRK	1954			50	YES	YES	1
SM384348	WARE ST, SW	BRK	1967			50	NO	NO	2
SM384349	COURTHOUSE RD, SW	BRK	1928			50	YES	YES	1
SM384350	MEADOW LA, SW	BRK	1954			50	YES	YES	1
SM384353	STEPHEN CIR, SW	BRK	1957			50	YES	YES	1
SM384354	STEPHEN CIR, SW	BRK	1957			50	YES	YES	1
SM384355	STEPHEN CIR, SW	BRK	1957			50	YES	YES	1
SM384356	THELMA CIR, SW	BRK	1957			50	YES	YES	1
SM384357	THELMA CIR, SW	BRK	1957			50	YES	YES	1
SM384360	LAWYERS RD, NW	BRK	1958			50	YES	YES	1
SM384360A	AYR HILL AVE, NW	BRK	UNKNOWN			50	UNKNOWN	UNKNOWN	
SM384361	MEADOW LA, SW	BRK	1954			50	YES	YES	1
SM384362	MEADOW LA, SW	BRK	1954			50	YES	YES	1
SM384363	MEADOW LA, SW	BRK	1954			50	YES	YES	1
SM384364	GIBSON DR, SW	BRK	1957			50	YES	YES	1
SM384365	GIBSON DR, SW	BRK	1957			50	YES	YES	1

Sanitary Manhole Inventory

4/27/2011

Asset ID	Road Name	Material	Year of Construction	Rehabilitation Year	Rehabilitation Method	Historic Action	Service Life	Exceeded Service Life	Condition
SM384404	COTTAGE ST, SW	BRK	1962				50	NO	2
SM384406	COTTAGE ST, SW	BRK	1962				50	NO	2
SM384407	COTTAGE ST, SW	BRK	1962				50	NO	2
SM384408	COTTAGE ST, SW	BRK	1962				50	NO	2
SM384409	MARIAN CIR, SW	BRK	1955				50	YES	1
SM384410	COTTAGE ST, SW	BRK	1962				50	NO	2
SM384410A	COTTAGE ST, SW	BRK	1962				50	NO	2
SM384411	ARCADIAN CIR, SW	BRK	1954				50	YES	1
SM384412	PLUM ST, SW	BRK	1955				50	YES	1
SM384413	PLUM ST, SW	BRK	1955				50	YES	1
SM384414	PLUM ST, SW	BRK	1955				50	YES	1
SM384415	PLUM ST, SW	BRK	1955				50	YES	1
SM384416	PLUM ST, SW	BRK	1955				50	YES	1
SM384417	TAPAWINGO RD, SW	BRK	1955				50	YES	1
SM384418	TAPAWINGO RD, SW	BRK	1955				50	YES	1
SM384419	TIMBER LA, SW	BRK	1955				50	YES	1
SM384420	TIMBER LA, SW	BRK	1955				50	YES	1
SM384421	TIMBER LA, SW	BRK	1955				50	YES	1
SM384422	HARMONY DR, SW	BRK	1953				50	YES	1
SM384423	HARMONY DR, SW	BRK	1953				50	YES	1
SM384424	HARMONY DR, SW	BRK	1953				50	YES	1
SM384425	HARMONY DR, SW	BRK	1953				50	YES	1
SM384426	HARMONY DR, SW	BRK	1953				50	YES	1
SM384427	PLUM ST, SW	BRK	1955				50	YES	1
SM384428	PLUM ST, SW	BRK	1955				50	YES	1
SM384429	KINGSLEY RD, SW	BRK	1952				50	YES	1
SM384430	HARMONY DR, SW	BRK	1953				50	YES	1
SM384431	HARMONY DR, SW	BRK	1953				50	YES	1
SM384432	HARMONY DR, SW	BRK	1953				50	YES	1
SM384433	HARMONY DR, SW	BRK	1953				50	YES	1
SM384433A	DE SALE ST, SW	BRK	1961				50	NO	1
SM384434	Dominion RD, SE	BRK	1967				50	NO	2
SM384435	CHERRY ST, SE	BRK	1968				50	NO	2
SM384436	CHERRY ST, SE	BRK	1968				50	NO	2
SM384437	LOCUST ST, SE	CON	1973				50	NO	2

Asset ID	Road Name	Material	Year of Construction	Rehabilitation Year	Rehabilitation Method	Historic Action	Service Life	Exceeded Service Life	Condition
SM391027	KRAMER DR, SE	BRK	1961			50	NO	1	1
SM391028	POLLY ST, SE	BRK	1978			50	NO	3	3
SM391029	POLLY ST, SE	BRK	1978			50	NO	3	3
SM391030	WOLFTRAP RD, SE	BRK	1974			50	NO	2	2
SM391031	WOLFTRAP RD, SE	BRK	1974			50	NO	2	2
SM391032	WOLFTRAP RD, SE	BRK	1974			50	NO	2	2
SM391033	WOLFTRAP RD, SE	BRK	1974			50	NO	2	2
SM391034	WOLFTRAP RD, SE	BRK	1974			50	NO	2	2
SM391036	WOLFTRAP RD, SE	BRK	1974			50	NO	2	2
SM391037	WOLFTRAP RD, SE	BRK	1974			50	NO	2	2
SM391038	WOLFTRAP RD, SE	BRK	1974			50	NO	2	2
SM391039	WOLFTRAP RD, SE	BRK	1974			50	NO	2	2
SM391040	MAPLE AVE, E	BRK	1960			50	YES	1	1
SM391041	MAPLE AVE, E	BRK	1960			50	YES	1	1
SM391042	MAPLE AVE, E	BRK	1960			50	YES	1	1
SM391043	MAPLE AVE, E	BRK	1960			50	YES	1	1
SM391044	OAKMONT CT, NE	BRK	1963			50	NO	2	2
SM391045	OAKMONT CT, NE	BRK	1963			50	NO	2	2
SM391046	WESTBRIAR DR, NE	BRK	1982			50	NO	3	3
SM391047	WESTBRIAR DR, NE	BRK	1982			50	NO	3	3
SM391048	WESTBRIAR DR, NE	BRK	1982			50	NO	3	3
SM391049	ST. BERNARD DR, NE	BRK	1959			50	YES	1	1
SM391050	ST. BERNARD DR, NE	BRK	1959			50	YES	1	1
SM391051	ST. BERNARD DR, NE	BRK	1959			50	YES	1	1
SM391052	MAPLE AVE, E	BRK	1960			50	YES	1	1
SM391052A	MAPLE AVE, E	BRK	1960			50	YES	1	1
SM391053	MAPLE AVE, E	BRK	1960			50	YES	1	1
SM391053A	MAPLE AVE, E	BRK	1960			50	YES	1	1
SM391054	MAPLE AVE, E	BRK	1960			50	YES	1	1
SM391055	MAPLE AVE, E	BRK	1960			50	YES	1	1
SM391056	MAPLE AVE, E	BRK	1960			50	YES	1	1
SM391057	SARATOGA WAYE, NE	BRK	1974			50	NO	2	2
SM391058	SARATOGA WAYE, NE	BRK	1974			50	NO	2	2
SM391059	SARATOGA WAYE, NE	BRK	1974			50	NO	2	2
SM391060	SARATOGA WAYE, NE	BRK	1974			50	NO	2	2

Asset ID	Road Name	Material	Year of Construction	Rehabilitation Year	Rehabilitation Method	Historic Action	Service Life	Exceeded Service Life	Condition
SM393015	IDYLWOOD RD	BRK	1968			50	NO	2	
SM393016	CRAIGO CT	BRK	1974			50	NO	2	
SM393017	IDYLWOOD RD.	BRK	1968			50	NO	2	
SM393018	RICHELIEU DR	BRK	1974			50	NO	2	
SM393019	RICHELIEU DR.	BRK	1974			50	NO	2	
SM393020	RICHELIEU DR	BRK	1974			50	NO	2	
SM393021	RICHELIEU DR	BRK	1974			50	NO	2	
SM393022	MALRAUX DR	BRK	1973			50	NO	2	
SM393023	MALRAUX DR	BRK	1973			50	NO	2	
SM393024	MALRAUX DR	BRK	1973			50	NO	2	
SM393025	RICHELIEU DR	BRK	1974			50	NO	2	
SM393026	MALRAUX DR	BRK	1973			50	NO	2	
SM393026A	MALRAUX DR	BRK	1973			50	NO	2	
SM393027	MALRAUX DR	BRK	1973			50	NO	2	
SM393028	MINERVA CT	BRK	1974			50	NO	2	
SM393029	MINERVA CT	BRK	1974			50	NO	2	
SM393030	MINERVA CT	BRK	1974			50	NO	2	
SM393031	MALRAUX DR	BRK	1973			50	NO	2	
SM393032	MALRAUX DR	BRK	1973			50	NO	2	
SM393033	MALRAUX DR	BRK	1973			50	NO	2	
SM393034	CHESTERTON CT	BRK	1972			50	NO	2	
SM393035	CHESTERTON CT	BRK	1972			50	NO	2	
SM393036	CHESTERTON CT	BRK	1972			50	NO	2	
SM393037	MALRAUX DR	BRK	1973			50	NO	2	
SM393038	MALRAUX DR	BRK	1973			50	NO	2	
SM393039	MALRAUX DR	BRK	1973			50	NO	2	
SM393040	ELECTRIC AVE, SE	BRK	1968			50	NO	2	
SM393041	ELECTRIC AVE, SE	BRK	1968			50	NO	2	
SM393042	ADAHI RD, SE	BRK	2003			50	NO	4	
SM393043	ADAHI RD, SE	BRK	2003			50	NO	4	
SM393044	ADAHI RD, SE	BRK	2003			50	NO	4	
SM393045	ELECTRIC AVE, SE	BRK	1968			50	NO	2	
SM393046	ELECTRIC AVE, SE	BRK	1968			50	NO	2	
SM393047	ELECTRIC AVE, SE	BRK	1968			50	NO	2	
SM393047A	ELECTRIC AVE, SE	BRK	1968			50	NO	2	

Sanitary Manhole Inventory

4/27/2011

Asset ID	Road Name	Material	Construction Year	Rehabilitation Year	Rehabilitation Method	Historic Action	Service Life	Exceeded Service Life	Condition
SM393081	AUDREYS CT, SE	BRK	1964				50	NO	2
SM393082	AUDREYS CT, SE	BRK	1964				50	NO	2
SM393083	ADAHI RD, SE	BRK	2003				50	NO	4
SM393084	PARK ST, SE	BRK	1982				50	NO	3
SM393085	PARK ST, SE	BRK	1982				50	NO	3
SM393086	ADAHI RD, SE	BRK	2003				50	NO	4
SM393087	ADAHI RD, SE	BRK	2003				50	NO	4
SM393088	GLYNDON ST, SE	BRK	1935				50	YES	1
SM393089	GLYNDON ST, SE	BRK	1935				50	YES	1
SM393090	GLYNDON ST, SE	BRK	1935				50	YES	1
SM393091	GLYNDON ST, SE	BRK	1935				50	YES	1
SM393092	OWAISSA RD, SE	BRK	1969				50	NO	2
SM393093	OWAISSA RD, SE	BRK	1969				50	NO	2
SM393094	FARLEY CT, SE	BRK	1968				50	NO	2
SM393095	OWAISSA RD, SE	BRK	1969				50	NO	2
SM393096	OWAISSA RD, SE	BRK	1969				50	NO	2
SM393097	ADAHI RD, SE	BRK	2003				50	NO	4
SM393098	ADAHI RD, SE	BRK	2003				50	NO	4
SM393099	ADAHI RD, SE	BRK	2003				50	NO	4
SM393099A	NICHOLAS CIR, SE	UNKNOWN	2004				50	NO	4
SM393100	COOPER CT, SE	BRK	1976				50	NO	2
SM393101	TAPAWINGO RD, SE	BRK	1955				50	YES	1
SM393102	NINOVAN RD, SE	BRK	1973				50	NO	2
SM393103	NINOVAN RD, SE	BRK	1973				50	NO	2
SM393104	TAPAWINGO RD, SE	BRK	1955				50	YES	1
SM393105	SHAHRAAM CT, SE	BRK	1978				50	NO	3
SM393106	SHAHRAAM CT, SE	BRK	1978				50	NO	3
SM393107	SHAHRAAM CT, SE	BRK	1978				50	NO	3
SM393109	FOLLIN LA, SE	BRK	1990				50	NO	3
SM393110	FOLLIN LA, SE	BRK	1990				50	NO	3
SM393111	FOLLIN LA, SE	BRK	1990				50	NO	3
SM393113	AUDREYS CT, SE	BRK	1964				50	NO	2
SM393114	MC HENRY ST, SE	BRK	1987				50	NO	3
SM393115	MC HENRY ST, SE	BRK	1987				50	NO	3
SM393116	MC HENRY ST, SE	BRK	1987				50	NO	3

Asset ID	Road Name	Material	Year of Construction	Rehabilitation Year	Rehabilitation Method	Historic Action	Service Life	Exceeded Service Life	Condition
SM393155	REDWOOD DR	BRK	1968				50	NO	2
SM393156	JANET LA	BRK	1964				50	NO	2
SM393157	LUCKETT AVE	BRK	1972				50	NO	2
SM393158	REDWOOD DR	BRK	1968				50	NO	2
SM393159	REDWOOD DR.	BRK	1968				50	NO	2
SM393160	LUCKETT AVE	BRK	1972				50	NO	2
SM393161	MC HENRY ST	BRK	1987				50	NO	3
SM393162	MC HENRY ST	BRK	1987				50	NO	3
SM393163	MC HENRY ST	BRK	1987				50	NO	3
SM393164	PATRICK ST	BRK	1987				50	NO	3
SM393171	TAPAWINGO RD, SE	BRK	1955				50	YES	1
SM393172	TAPAWINGO RD, SE	BRK	1955				50	YES	1
SM393188	FELLINI CT, SE	BRK	1977				50	NO	2
SM393188A	FELLINI CT, SE	BRK	1977				50	NO	2
SM481001	MOOREFIELD RD, SW	BRK	1996				50	NO	4
SM481001A	HUNTER CT, SW	BRK	1960				50	YES	1
SM481002	PRINCETON TERR, SW	BRK	1960				50	YES	1
SM481003	PRINCETON TERR, SW	BRK	1960				50	YES	1
SM481004	HUNTER CT, SW	BRK	1960				50	YES	1
SM481004A	HUNTER CT, SW	BRK	1960				50	YES	1
SM481005	HUNTER CT, SW	BRK	1960				50	YES	1
SM481006	TAPAWINGO RD, SW	BRK	1955				50	YES	1
SM481007	TAPAWINGO RD, SW	BRK	1955				50	YES	1
SM481008	TAPAWINGO RD, SW	BRK	1955				50	YES	1
SM481009	TAPAWINGO RD, SW	BRK	1955				50	YES	1
SM481010	MOORE PL, SW	BRK	1977				50	NO	2
SM481011	MOORE PL, SW	BRK	1977				50	NO	2
SM481012	MOOREFIELD HILL GROVE, SW	BRK	1996				50	NO	4
SM481203	MOOREFIELD RD, SW	BRK	1996				50	NO	4
SM481207	MOOREFIELD HILL CT, SW	BRK	1996				50	NO	4
SM482001	YEONAS DR	BRK	1959				50	YES	1
SM482002	YEONAS DR	BRK	1959				50	YES	1
SM482009	YEONAS DR	BRK	1959				50	YES	1
SM482010	YEONAS DR	BRK	1959				50	YES	1
SM482011	DELLWOOD DR	BRK	1959				50	YES	1

Asset ID	Road Name	Material	Year of Construction	Rehabilitation Year	Rehabilitation Method	Historic Action	Service Life	Exceeded Service Life	Condition
SM482046	ROSS DR, SW	BRK	1960			50	YES	1	
SM482047	ROSS DR, SW	BRK	1960			50	YES	1	
SM482048	ROSS DR, SW	BRK	1960			50	YES	1	
SM482049	KELLEY ST, SW	BRK	1960			50	YES	1	
SM482050	KELLEY ST, SW	BRK	1960			50	YES	1	
SM482051	KELLEY ST, SW	BRK	1960			50	YES	1	
SM482052	ROSS DR, SW	BRK	1960			50	YES	1	
SM482053	PATRICK ST, SW	BRK	1987			50	NO	3	
SM482056	COTTAGE ST, SW	BRK	1962			50	NO	2	
SM482057	JAMES DR, SW	BRK	1985			50	NO	3	
SM482058	JAMES DR, SW	BRK	1985			50	NO	3	
SM482064	YEONAS DR, SE	BRK	1959			50	YES	1	
SM482065	KELLEY ST, SW	BRK	1960			50	YES	1	
SM482066	KELLEY ST, SW	BRK	1960			50	YES	1	
SM482067	ROSS DR, SW	BRK	1960			50	YES	1	
SM482068	ROSS DR, SW	BRK	1960			50	YES	1	
SM482069	COTTAGE ST, SW	BRK	1962			50	NO	2	
SM482070	COTTAGE ST, SW	BRK	1962			50	NO	2	
SM482071	COTTAGE ST, SW	BRK	1962			50	NO	2	
SM482072	COTTAGE ST, SW	BRK	1962			50	NO	2	
SM482073	ROSS DR, SW	BRK	1960			50	YES	1	
SM482074	ROSS DR, SW	BRK	1960			50	YES	1	
SM482075	ROSS DR, SW	BRK	1960			50	YES	1	
SM482076	ROSS DR, SW	BRK	1960			50	YES	1	
SM482077	ROSS DR, SW	BRK	1960			50	YES	1	
SM482078	ROSS DR, SW	BRK	1960			50	YES	1	
SM482079	ROSS DR, SW	BRK	1960			50	YES	1	
SM482080	KINGSLEY RD, SW	BRK	1952			50	YES	1	
SM482081	COTTAGE ST, SW	BRK	1962			50	NO	2	
SM482081A	KINGSLEY RD, SW	BRK	1952			50	YES	1	
SM482082	COTTAGE ST, SW	BRK	1962			50	NO	2	
SM482083	COTTAGE ST, SW	BRK	1962			50	NO	2	
SM482084	COTTAGE ST, SW	BRK	1962			50	NO	2	
SM482085	COTTAGE ST, SW	BRK	1962			50	NO	2	
SM482086	YEONAS DR, SW	BRK	1959			50	YES	1	

Asset ID	Road Name	Material	Year of Construction	Rehabilitation Year	Rehabilitation Method	Historic Action	Service Life	Service Exceeded Condition
SM482124	YEONAS DR, SW	BRK	1959				50	YES 1
SM482125	HILLCREST DR, SW	BRK	1955				50	YES 1
SM482126	HILLCREST DR, SW	BRK	1955				50	YES 1
SM482127	HILLCREST DR, SW	BRK	1955				50	YES 1
SM482128	HILLCREST DR, SW	BRK	1955				50	YES 1
SM482129	HILLCREST DR, SW	BRK	1955				50	YES 1
SM482130	HILLCREST DR, SW	BRK	1955				50	YES 1
SM482131	HILLCREST DR, SW	BRK	1955				50	YES 1
SM482132	FREDERICK ST, SW	BRK	1955				50	YES 1
SM482134	FREDERICK ST, SW	BKR	1955				50	YES 1
SM482135	FREDERICK ST, SW	BRK	1955				50	YES 1
SM482136	MARSHALL RD, SW	BRK	1959				50	YES 1
SM482137	MARSHALL RD, SW	BRK	1959				50	YES 1
SM482138	MARSHALL RD, SW	BRK	1959				50	YES 1
SM482139	MARSHALL RD, SW	BRK	1959				50	YES 1
SM482139A	MARSHALL RD, SW	BRK	1959				50	YES 1
SM482140	AVERY CT, SW	BRK	1966				50	NO 2
SM482141	ORLEANS CIR, SW	BRK	1959				50	YES 1
SM482142	ORLEANS CIR, SW	BRK	1959				50	YES 1
SM482143	YEONAS DR, SW	BRK	1959				50	YES 1
SM482144	YEONAS DR, SW	BRK	1959				50	YES 1
SM482145	YEONAS DR, SW	BRK	1959				50	YES 1
SM482146	YEONAS DR, SW	BRK	1959				50	YES 1
SM482147	YEONAS DR, SW	BRK	1959				50	YES 1
SM482148	YEONAS DR, SW	BRK	1959				50	YES 1
SM482149	LAKWOOD DR, SW	BRK	1959				50	YES 1
SM482150	YEONAS DR, SW	BRK	1959				50	YES 1
SM482151	YEONAS DR, SW	BRK	1959				50	YES 1
SM482151A	YEONAS DR, SW	BRK	1959				50	YES 1
SM482152	WARE ST, SW	BRK	1967				50	NO 2
SM482153	WARE ST, SW	BRK	1967				50	NO 2
SM482154	WARE ST, SW	BRK	1967				50	NO 2
SM482155	WARE ST, SW	BRK	1967				50	NO 2
SM482156	WARE ST, SW	BRK	1967				50	NO 2
SM482157	PRUITT CT, SW	BRK	1966				50	NO 2



Sanitary Manhole Inventory

4/27/2011

Asset ID	Road Name	Material	Year of Construction	Rehabilitation Year	Rehabilitation Method	Historic Action	Service Life	Exceeded Service Life	Condition
SM482192	RACHEL LA, SW	BRK	1976				50	NO	2
SM482193	RACHEL LA, SW	BRK	1976				50	NO	2
SM482194	RACHEL LA, SW	BRK	1976				50	NO	2
SM482195	DELLAH DR, SW	BRK	1975				50	NO	2
SM482196	DELLAH DR, SW	BRK	1975				50	NO	2
SM482197	DELLAH DR, SW	BRK	1975				50	NO	2
SM482197A	DELLAH DR, SW	BRK	1975				50	NO	2
SM482198	MARSHALL RD, SW	BRK	1959				50	YES	1
SM482200	NUTLEY ST, SW	BRK	1959				50	YES	1
SM482200A	NUTLEY ST, SW	BRK	1959				50	YES	1
SM482201	MOOREFIELD CREEK RD, SW	BRK	1996				50	NO	4
SM482202	MOOREFIELD CREEK RD, SW	BRK	1996				50	NO	4
SM482203	MOOREFIELD CREEK RD, SW	BRK	1996				50	NO	4
SM482204	MOOREFIELD CREEK RD, SW	BRK	1996				50	NO	4
SM482205	MOOREFIELD CREEK RD, SW	BRK	1996				50	NO	4
SM482206	MOOREFIELD HILL CT, SW	BRK	1996				50	NO	4
SM482208	MOOREFIELD HILL CT, SW	BRK	1996				50	NO	4
SM482209	MOOREFIELD CREEK RD, SW	BRK	1996				50	NO	4
SM482210	MOOREFIELD CREEK RD, SW	BRK	1996				50	NO	4
SM482211	MOOREFIELD CREEK RD, SW	BRK	1996				50	NO	4
SM482213	HUNTER CT, SW	BRK	1960				50	YES	1
SM482214	HUNTER CT, SW	BRK	1960				50	YES	1
SM482215	TAPAWINGO RD, SW	BRK	1955				50	YES	1
SM482216	TAPAWINGO RD, SW	BRK	1955				50	YES	1
SM482217	TAPAWINGO RD, SW	BRK	1955				50	YES	1
SM482218	MOOREFIELD CREEK RD, SW	BRK	1996				50	NO	4
SM482219	NUTLEY ST, SW	BRK	1959				50	YES	1
SM482220	NUTLEY ST, SW	BRK	1959				50	YES	1
SM482221	NUTLEY ST, SW	BRK	1959				50	YES	1
SM482222	KINGSLEY RD, SW	BRK	1952				50	YES	1
SM482223	MEYERS CIR, SW	BRK					50	UNKNOWN	UNKNOWN
SM482224	MEYERS CIR, SW	BRK					50	UNKNOWN	UNKNOWN
SM482225	MEYERS CIR, SW	BRK					50	UNKNOWN	UNKNOWN
SM482226	KINGSLEY RD, SW	BRK	1952				50	YES	1
SM482227	MEADOW LA, SW	BRK	1954				50	YES	1



Town of
Vienna
Virginia

Sanitary Manhole Inventory

4/27/2011

Asset ID	Road Name	Material	Year of Construction	Rehabilitation Year	Rehabilitation Method	Historic Action	Service Life	Exceeded Service Life	Condition
SM482256	MARSHALL RD, SW	BRK	1959				50	YES	1
SM482257	MARSHALL RD, SW	BRK	1959				50	YES	1
SM482258	MARSHALL RD, SW	BRK	1959				50	YES	1
SM482259	MARSHALL RD, SW	BRK	1959				50	YES	1
SM482260	NUTLEY ST, SW	BRK	1959				50	YES	1
SM482261	TAPAWINGO RD, SW	BRK	1955				50	YES	1
SM482262	TAPAWINGO RD, SW	BRK	1955				50	YES	1
SM482263	TAPAWINGO RD, SW	BRK	1955				50	YES	1
SM482264	TAPAWINGO RD, SW	BRK	1955				50	YES	1
SM482265	MEADOW LA, SW	BRK	1954				50	YES	1
SM482266	MEADOW LA, SW	BRK	1954				50	YES	1
SM482267	GIBSON DR, SW	BRK	1957				50	YES	1
SM482268	MEADOW LA, SW	BRK	1954				50	YES	1
SM482270	MEADOW LA, SW	BRK	1954				50	YES	1
SM482271	MEADOW LA, SW	BRK	1954				50	YES	1
SM482272	NUTLEY ST, SW	BRK	1959				50	YES	1
SM482273	NUTLEY ST, SW	BRK	1959				50	YES	1
SM482274	NUTLEY ST, SW	BRK	1959				50	YES	1
SM482275	NUTLEY ST, SW	BRK	1959				50	YES	1
SM482276	TAPAWINGO RD, SW	BRK	1955				50	YES	1
SM482277	NUTLEY ST	BRK	1959				50	YES	1
SM482279	NUTLEY ST	BRK	1959				50	YES	1
SM482280	NUTLEY ST	BRK	1959				50	YES	1
SM482281	DELLWOOD DR	BRK	1959				50	YES	1
SM482282	BRIAN DR	BRK	1959				50	YES	1
SM482283	BRIAN DR	BRK	1959				50	YES	1
SM482284	BRIAN DR	BRK	1959				50	YES	1
SM482285	BRIAN DR	BRK	1959				50	YES	1
SM482286	BRIAN DR	BRK	1959				50	YES	1
SM482287	BRIAN DR	BRK	1959				50	YES	1
SM482288	BRIAN DR	BRK	1959				50	YES	1
SM482289	DELLWOOD DR	BRK	1959				50	YES	1
SM482290	DELLWOOD DR	BRK	1959				50	YES	1
SM482291	DELLWOOD DR	BRK	1959				50	YES	1
SM482292	DELLWOOD DR	BRK	1959				50	YES	1

Asset ID	Road Name	Material	Year of Construction	Rehabilitation Year	Rehabilitation Method	Historic Action	Service Life	Exceeded Condition
SM491028	COTTAGE ST, SW	BRK	1962				50	NO
SM491029	COTTAGE ST, SW	BRK	1962				50	NO
SM491030	COTTAGE ST, SW	BRK	1962				50	NO
SM491031	COTTAGE ST, SW	BRK	1962				50	NO
SM491032	GEORGE ST, SW	BRK	1961				50	NO
SM491033	GEORGE ST, SW	BRK	1961				50	NO
SM491034	COTTAGE ST	BRK	1962				50	NO
SM491035	COTTAGE ST	BRK	1962				50	NO
SM491036	OCCIDENTAL DR	BRK	1961				50	NO
SM491037	OCCIDENTAL DR	BRK	1961				50	NO
SM491038	OCCIDENTAL DR	BRK	1961				50	NO
SM491039	DE PAUL DR	BRK	1961				50	NO
SM491040	OCCIDENTAL DR	BRK	1961				50	NO
SM491041	OCCIDENTAL DR	BRK	1961				50	NO
SM491041A	ANTIOCK DR	BRK	1976				50	NO
SM491042	ANTIOCK CIR	BRK	1976				50	NO
SM491043	ANTIOCK CIR	BRK	1976				50	NO
SM491044	ANTIOCK CIR	BKR	1976				50	NO
SM491045	ROSS DR, SW	BRK	1960				50	YES
SM491046	ROSS DR, SW	BRK	1960				50	YES
SM491047	ROSS DR, SW	BRK	1960				50	YES
SM491048	PATRICK ST, SW	BRK	1987				50	NO
SM491049	PATRICK CIR, SW	BRK	1987				50	NO
SM491050	PATRICK CIR, SW	BRK	1987				50	NO
SM491051	PATRICK ST, SW	BRK	1987				50	NO
SM491054	PATRICK ST, SW	BRK	1987				50	NO
SM491055	COTTAGE ST, SW	BRK	1962				50	NO
SM491059	JAMES DR, SW	BRK	1985				50	NO
SM491060	JAMES DR, SW	BRK	1985				50	NO
SM491061	DE SALE ST, SE	BRK	1961				50	NO
SM491062	JAMES DR, SE	BRK	1985				50	NO
SM491063	JAMES DR, SE	BRK	1985				50	NO
SM491065	DE SALE ST, SE	BRK	1961				50	NO
SM491065A	DE SALE ST, SE	BRK	1961				50	NO
SM491066	CASMAR ST, SE	BRK	2003				50	NO



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Table 7a. Overview of Sewer Pipe Rehabilitation Methods—Mature Technologies

Method	Pipe Parameters		Work Requirements					Features		
	ID Diameter Range**	Repair Length	Pit Excavation	Plugging	Annular Space Grouting	Structural Repair	Excavation for Laterals Reopening	Cross Section Change	Removal of I&I	Corrosion Protection
<i>1. Level of Cleaning required: Good / Very Good</i>										
CIP, standard	8-96"	<2500'	Yes	No	Yes	No	Yes	No	Decrease	Yes
CIP, Top Hat	4-20" M 4-8" L	1'	Yes	No	Yes	No	No	No	Decrease	Yes
Reinforced gunite	≥35"	<500'	Yes	No	Yes	No	Yes	No	Decrease	Yes
Spraying, epoxy	3-36"	<400' typ.	Yes	No	Yes	No	No	Varies	Decrease	Yes
Robotic repairs	8-30"	24"	No	No	Yes	No	Local	No	Same	Yes
<i>2. Level of Cleaning required: General</i>										
Sliplining	4-150"	<5,000'	No	Yes	No	Yes	Yes	Yes	Decrease	Yes
Fold and form	3-30"	<1500'	Yes	No	No	Yes	No	No	Decrease	Yes
Deform-reform	3-59"	<1,000'	Yes	No	No	No	No	No	Decrease	Yes
Compression-based	4-20"	<3,000'	Yes	No	No	Yes	Yes	Yes	Decrease	Yes
SR*	3-36"	<3,000'	Yes	No	No	Yes	Yes	Yes	Decrease	Yes
Tension-based SR*	3-144"	Varies with diameter	Yes	No	Yes	No	No	No	Same	Yes
Chemical grouting	36-108"	18-36"	Yes	No	No	Varies	Local	Yes	Decrease	Yes
Spot repair sleeves	Man entry	No Limit	Varies	Yes	No	Yes	No	No	Decrease	Yes
<i>2. Level of Cleaning required: None / Not Applicable</i>										
Pipe bursting, static	2-54"	<750'	Yes	Yes	No	Yes	Yes	Yes	Same/ increase	Yes
Pipe bursting,	2-54"	<750'	Yes	Yes	No	No	Yes	Yes	Same/ increase	Yes
pneumatic										
Pipe bursting,	2-20"	<750'	Yes	Yes	No	No	Yes	Yes	Same/ increase	Yes
hydraulic										
Pipe extraction	1-60"	<200'	Yes	Yes	No	No	Yes	Yes	Same/ increase	Yes
Pipe reaming	4-24"	<600'	Yes	Yes	No	No	Yes	Yes	Same/ increase	Yes

* SR = Symmetrical Reduction; ** M = Mainline; L = Lateral; *** Not grouting. Table entries should be considered indicative of applications but not definitive for all products.



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In Town Water and Sewer Pipes		XLS	Street name, Approximate year developed, tax map #, water and sewer pipe material
Monthly Consumption		XLS	Volume of water consumed per month from 2001 to 2010
Monthly Reports		XLS	Documentation of monthly maintenance work for the Department of Public Works
Office of Drinking Water Correspondence		Paper	Tank and booster pump inspection, turbidity, lead and copper in water
Out of Town Street Graph		PDF	Street Inventory date constructed
Out of Town Water and Sewer Pipes		XLS	Street name, Approximate year developed, house numbers, water and sewer pipe material
Pump Information		XLS & JPG	Operational information for the Frederick Street, Nutley Street and Wall Street pump stations
Pump Station Plans		PDF	Pump station plans for Wall Street tank,
Sanitary Sewer Main/ Water Main Replacement or Relining		Paper	Water and Sewer Relining in the last 10 years
Sanitary Sewer Needed Repairs List		XLS	List of sanitary sewers needing to be replaced
Sewer Backup Reports		Paper	Maintenance records for sewer cleaning and replacement due to backup
Top 20 Water Division Project List		DOC	List of top 20 locations in the water system that need repairs
Town Unmetered Locations		XLS	List of locations where water is not metered



WS Daily Work		DOC	Daily Tasks from April 2 - September 11, flushing, cleaning, repairing
GIS Database (Planning & Zoning)	2010	ESRI ArcView	Water system, sanitary system, other infrastructure
Water & Sewer Inventory (Finance, GHD)	2011	ESRI ArcView	Water system, sanitary system
TV Inspection Videos	2011	AVI	Sanitary sewer inspections
Record Drawings (Town Hall Plan Room)	1950-2011	Paper	Construction plans from residential, commercial, and infrastructure development



Appendix E – Water and Sewer CIP Exhibits

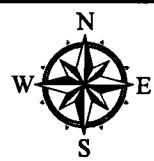


Town of Vienna
Public Works

Water CIP Exhibit

Legend

- | | |
|--------------------|--------------------|
| — Priority 1 | — Priority 3 |
| — Priority 2 | — Town Water Pipes |
| Street Centerlines | |
| □ TOV Boundary | |



Print Date: April 29, 2011

1 inch = 2,100 feet
0 1,050 2,100 4,200 Feet